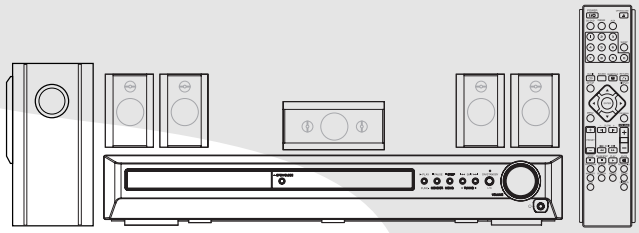
TOSHIBA

FILE NO. 810-200456

SERVICE MANUAL

DVD HOME CINEMA SYSTEM

SD-44HKSB
SD-44HKSE



Nov., 2004

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SECTION 1. GENERAL

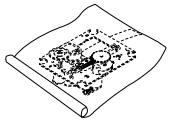
❑ SERVICING PRECAUTIONS

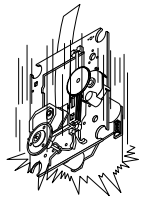
NOTES REGARDING HANDLING OF THE PICK-UP

1. Notes for transport and storage

1) The pick-up should always be left in its conductive bag until immediately prior to use.
2) The pick-up should never be subjected to external pressure or impact.

Storage in conductive bag

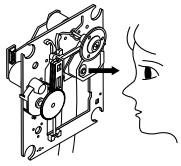




Drop impact

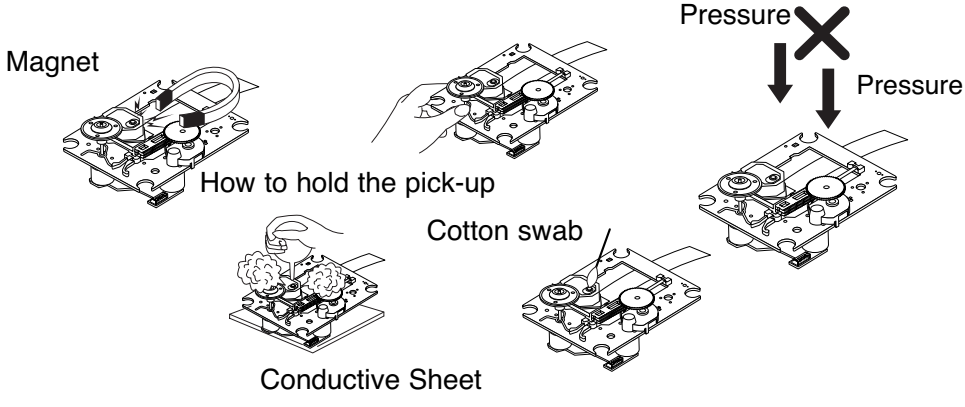
2. Repair notes

1) The pick-up incorporates a strong magnet, and so should never be brought close to magnetic materials.
2) The pick-up should always be handled correctly and carefully, taking care to avoid external pressure and impact. If it is subjected to strong pressure or impact, the result may be an operational malfunction and/or damage to the printed-circuit board.
3) Each and every pick-up is already individually adjusted to a high degree of precision, and for that reason the adjustment point and installation screws should absolutely never be touched.
4) Laser beams may damage the eyes!
   Absolutely never permit laser beams to enter the eyes!
   Also NEVER switch ON the power to the laser output part (lens, etc.) of the pick-up if it is damaged.



NEVER look directly at the laser beam, and don't let contact fingers or other exposed skin.

5) Cleaning the lens surface
   If there is dust on the lens surface, the dust should be cleaned away by using an air bush (such as used for camera lens). The lens is held by a delicate spring. When cleaning the lens surface, therefore, a cotton swab should be used, taking care not to distort this.



6) Never attempt to disassemble the pick-up.
   Spring by excess pressure. If the lens is extremely dirty, apply isopropyl alcohol to the cotton swab. (Do not use any other liquid cleaners, because they will damage the lens.) Take care not to use too much of this alcohol on the swab, and do not allow the alcohol to get inside the pick-up.

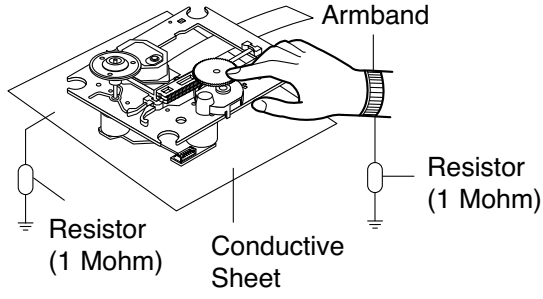
NOTES REGARDING COMPACT DISC PLAYER REPAIRS

1. Preparations

1) Compact disc players incorporate a great many ICs as well as the pick-up (laser diode). These components are sensitive to, and easily affected by, static electricity. If such static electricity is high voltage, components can be damaged, and for that reason components should be handled with care.
2) The pick-up is composed of many optical components and other high-precision components. Care must be taken, therefore, to avoid repair or storage where the temperature of humidity is high, where strong magnetism is present, or where there is excessive dust.

2. Notes for repair

1) Before replacing a component part, first disconnect the power supply lead wire from the unit
2) All equipment, measuring instruments and tools must be grounded.
3) The workbench should be covered with a conductive sheet and grounded.
   When removing the laser pick-up from its conductive bag, do not place the pick-up on the bag. (This is because there is the possibility of damage by static electricity.)
4) To prevent AC leakage, the metal part of the soldering iron should be grounded.
5) Workers should be grounded by an armband (1M Ω)
6) Care should be taken not to permit the laser pick-up to come in contact with clothing, in order to prevent static electricity changes in the clothing to escape from the armband.
7) The laser beam from the pick-up should NEVER be directly facing the eyes or bare skin.



❑ ESD PRECAUTIONS

Electrostatically Sensitive Devices (ESD)

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors and semiconductor chip components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ESD devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ESD devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESD devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESD devices.
6. Do not remove a replacement ESD device from its protective package until immediately before you are ready to install it. (Most replacement ESD devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive materials).
7. Immediately before removing the protective material from the leads of a replacement ESD device, touch the protective material to the chassis or circuit assembly into which the device will by installed.

CAUTION : BE SURE NO POWER IS APPLIED TO THE CHASSIS OR CIRCUIT, AND OBSERVE ALL OTHER SAFETY PRECAUTIONS.

8. Minimize bodily motions when handing unpackaged replacement ESD devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ESD device).

CAUTION. GRAPHIC SYMBOLS

	THE LIGHTNING FLASH WITH APROWHEAD SYMBOL. WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF UNINSUALATED “DANGEROUS VOLTAGE” THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK.
	THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF IMPORTANT SAFETY INFORMATION IN SERVICE LITERATURE.

TOSHIBA

DVD HOME CINEMA SYSTEM

OWNER'S MANUAL

MODEL : SD-44HKSE

Before connecting up, operating or repairing this product, please read this instruction booklet carefully and completely.

Safety Precautions

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the instructions accompanying the product.

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

WARNING: Do not install this equipment in a confined space such as a book case or similar unit.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
CLASSE 1 PRODUIT LASER

CAUTION:

This DVD/CD receiver employs a Laser System.

To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Should the unit require maintenance, contact an authorized service location - see service procedure.

Performing controls, adjustments, or carrying out procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when open. DO NOT STARE INTO BEAM.

CAUTION: The apparatus should not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on the apparatus.

CE This product is manufactured to comply with the radio interference requirements of EEC DIRECTIVE 89/336/EEC, 93/68/EEC and 73/23/EEC.

NOTES ON COPYRIGHTS:

It is forbidden by law to copy, broadcast, show, broadcast via cable, play in public, or rent copyrighted material without permission.

This product features the copy protection function developed by Macrovision. Copy protection signals are recorded on some discs. When recording and playing the pictures of these discs on a VCR, picture noise will appear.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

SERIAL NUMBER: The serial number is located on the back of this unit. This number is unique to this unit and not available to others. You should record requested information here and retain this guide as a permanent record of your purchase.

Model No. _____

Serial No. _____

Some Dos and Don’ts on the Safe Use of Equipment

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety.

****

DO read the operating instructions before you attempt to use the equipment.
DO ensure that all electrical connections (including the mains plug, extension leads and inter- connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.
DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.
DO be careful with glass panels or doors on equipment

****

DON'T remove any fixed cover as this may expose dangerous voltages.
DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.
DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment.
DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.
DON'T use makeshift stands.
DON'T listen to headphones at high volume, as such use can permanently damage your hearing.
DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode. Switch off using the switch on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.
DON'T continue to operate the equipment if you are in any doubt about it working
normally, or if it is damaged in any way -switch off, withdraw the mains plug and consult your dealer.

ABOVE ALL
---NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock;

---NEVER guess or take chances with electrical equipment of any kind
---it is better to be safe than sorry!

****

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About the symbols for instructions

⚠ Indicates hazards likely to cause harm to the unit itself or other material damage.

Indicates special operating features of this unit.

Indicates tips and hints for making the task easier.

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Playable Discs

DVD VIDEO	DVD video discs (8 cm / 12 cm disc)
COMPACT disc DIGITAL VIDEO	Video CD (VCD) (8 cm / 12 cm disc)
COMPACT disc DIGITAL AUDIO	Audio CD (8 cm / 12 cm disc)

In addition, this unit can play a DVD-RW, SVCD and CD-R or CD-RW that contains audio titles, MP3, WMA or JPEG files.

Notes

- Depending on the conditions of the recording equipment or the CD-R/RW (or DVD-RW) disc itself, some CD-R/RW (or DVD-RW) discs may not be played on the unit.
- Do not attach any seal or label to either side (the labeled side or the recorded side) of a disc.
- Do not use irregularly shaped CDs (e.g., heart-shaped or octagonal). It may result in malfunctions.

Notes on DVDs and Video CDs

Some playback operations of DVDs and Video CDs may be intentionally fixed by software manufacturers. As this unit plays DVDs and Video CDs according to disc content designed by the software manufacturer, some playback features of the unit may not be available or other functions may be added.
Make sure to also refer to the instructions supplied with the DVDs and Video CDs. Some DVDs made for business purposes may not be able to be played on the unit.

Regional code of the DVD/CD Receiver and DVDs

This DVD/CD Receiver is designed and manufactured for playback of region “2” encoded DVD software. The region code on the labels of some DVDs indicates which type of player can play those discs. This unit can only play DVDs labeled “2” or “ALL”. If you try to play any other discs, the message “Check Regional Code” will appear on the TV screen. Some DVDs that have no region code label may still be subject to area restrictions and therefore not playable.

Disc-related terms

Title (DVD video discs only)
The main film content or accompanying feature content or additional feature content, or music album.
Each title is assigned a title reference number enabling you to locate it easily.

Chapter (DVD video discs only)
Sections of a picture or a musical piece that are smaller than titles. A title is composed of one or several chapters. Each chapter is assigned a chapter number, enabling you to locate the chapter you want. Depending on the disc, chapters may not be recorded.
15

Track (Video CD and audio CD only)
Sections of a picture or a musical piece on a video CD or an audio CD. Each track is assigned a track number, enabling you to locate the track you want.

Scene
On a video CD with PBC (Playback control) functions, moving pictures and still pictures are divided into sections called “Scenes”. Each scene is displayed in the menu screen and assigned a scene number, enabling you to locate the scene you want.
A scene is composed of one or several tracks.

Types of video CDs

There are two types of video CDs:

Video CDs equipped with PBC (Version 2.0)
PBC (Playback control) functions allow you to interact with the system via menus, search functions, or other typical computer-like operations. Moreover, still pictures of high resolution can be played if they are included in the disc.

Video CDs not equipped with PBC (Version 1.1)
Operated in the same way as audio CDs, these discs allow playback of video pictures as well as sound, but they are not equipped with PBC.

Precautions

Handling the unit

When shipping the unit
The original shipping carton and packing materials may come in handy. For maximum protection, re-pack the unit as it was originally packed at the factory.

When setting up the unit
The picture and sound of a nearby TV, VCR, or radio may be disturbed during playback. In this case, position the unit away from the TV, VCR, or radio, or turn off the unit after removing the disc.

To keep the exterior surfaces clean
Do not use volatile liquids, such as insecticide spray, near the unit. Do not leave rubber or plastic products in contact with the unit for a long period of time. They will leave marks on the surface.

Cleaning the unit

To clean the cabinet
Use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents such as alcohol, benzene, or thinner, as these might damage the surface of the unit.

To obtain a clear picture
The DVD/CD Receiver is a high-tech, precision device. If the optical pick-up lens and disc drive parts are dirty or worn, the picture quality will be poor.
Regular inspection and maintenance are recommended after every 1,000 hours of use. (This depends on the operating environment.)

Notes on Discs

Disc Handling

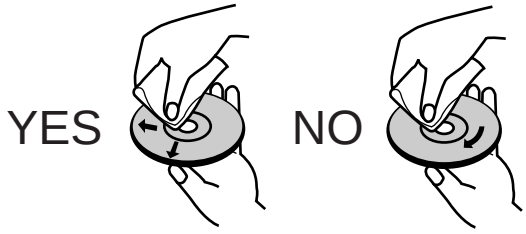
Do not touch the playback side of the disc.
Hold the disc by the edges so that fingerprints will not get on the surface.
Do not stick paper or tape on the disc.

Storing discs

After playing, store the disc in its case.
Do not expose the disc to direct sunlight or sources of heat, or leave it in a parked car exposed to direct sunlight, as there may be a considerable temperature increase inside the car.

Cleaning discs

Fingerprints and dust on the disc can distort the picture or reduce sound quality. Before playing, clean the disc with a clean cloth. Wipe the disc from the centre outwards.



Do not use strong solvents such as alcohol, benzene, thinner, commercially available cleaners, or anti-static spray intended for vinyl records.

About Symbols

About the ⃠ symbol display

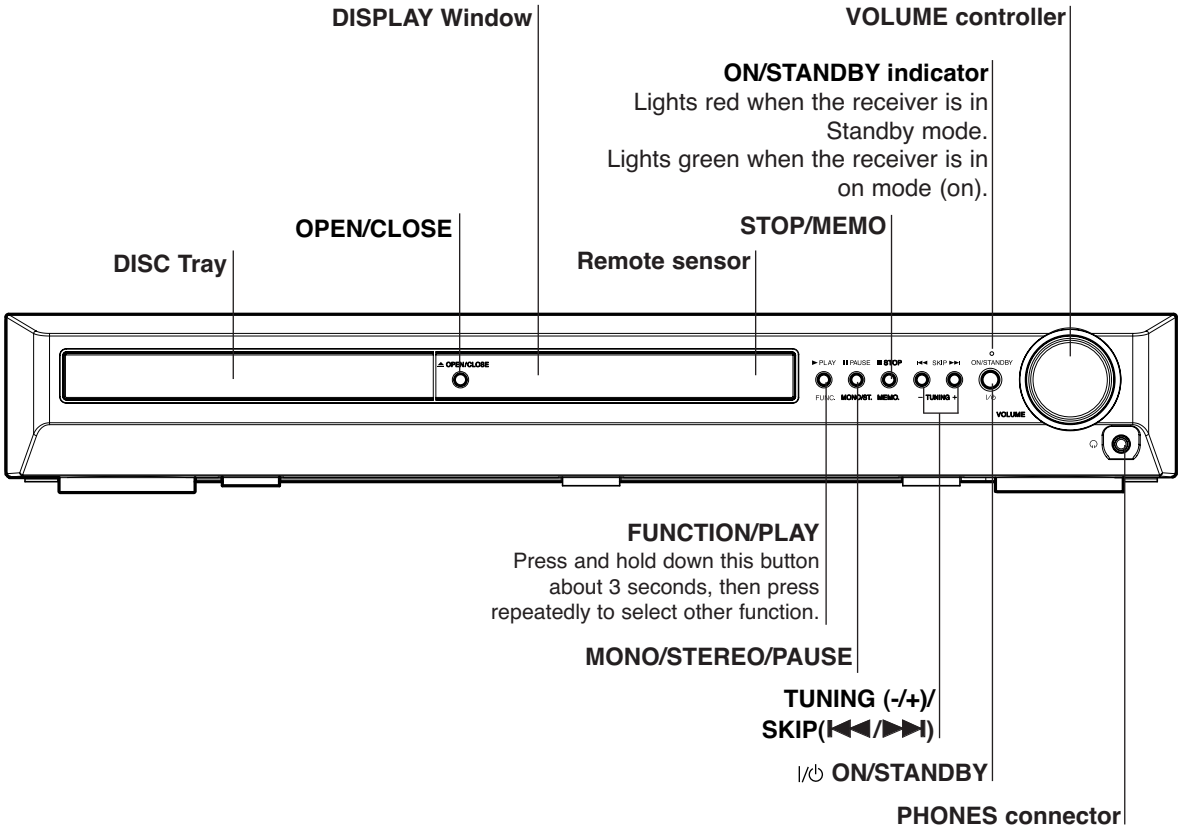
" ⃠ " may appear on the TV screen during operation. This icon means the function explained in this owner's manual is not available on that specific DVD video disc.

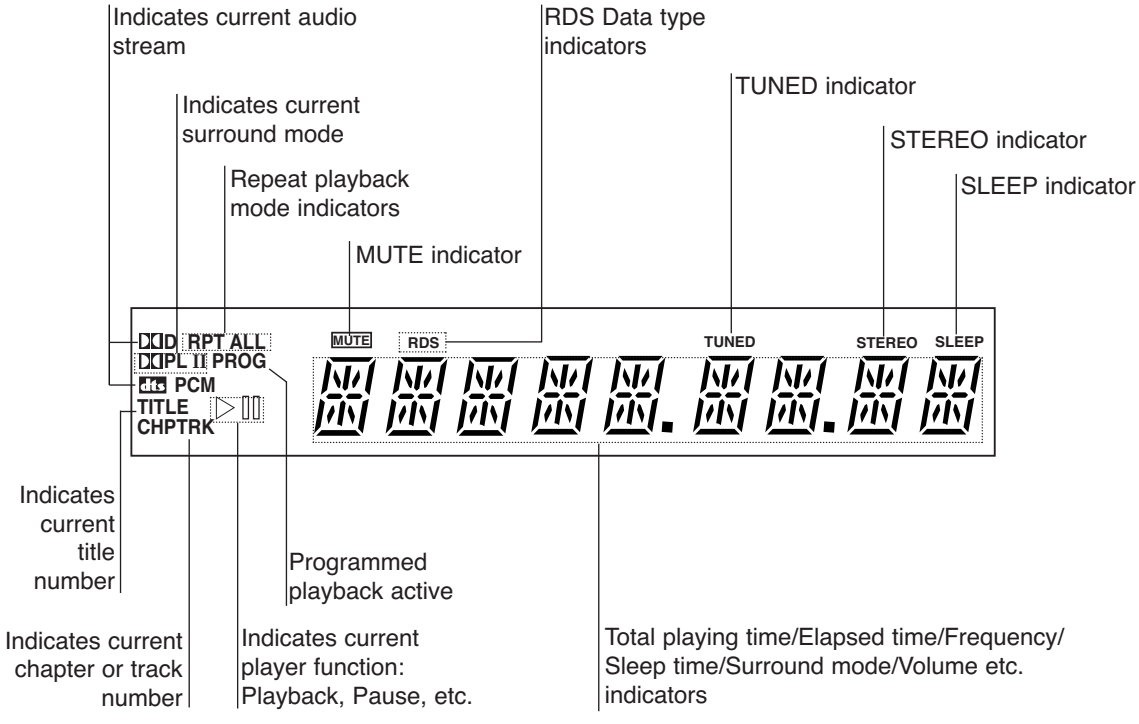
About the disc symbols for instructions

A section whose title has one of the following symbol is applicable only to the disc represented by the symbol.

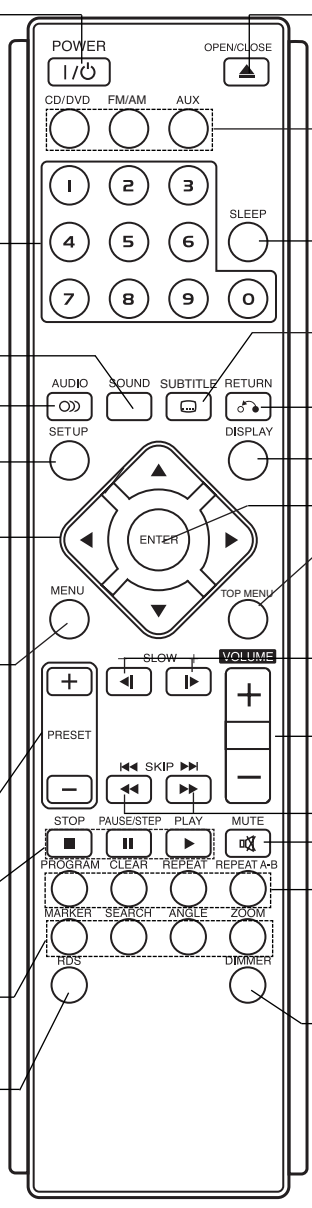
- DVD — DVD Video discs
- VCD2.0 — Video CDs with the PBC (playback control) function.
- VCD1.1 — Video CDs without the PBC (playback control) function.
- CD — Audio CDs.
- MP3 — MP3 disc.
- WMA — WMA disc.
- JPEG — JPEG disc.

Front Panel and Display Window





Remote Control Overview



I/⏻ POWER

OPEN/CLOSE

FUNCTION SELECTOR
You can also select the desired function with the FUNC./PLAY on the front panel.

NUMBER

SLEEP (p. 29)

SUBTITLE (p. 22)

SOUND (p. 15)

AUDIO (p. 22, 24)

RETURN (p. 17, 20, 25)

SETUP (p. 17)

DISPLAY (p. 16)

ENTER

ARROW
For use in highlighting a selection on a GUI menu screen, TITLE and MENU screen.

TOP MENU (p. 22)
Use the TOP MENU button to display the title screen included on DVD video discs.

MENU (p. 22)
Use the MENU button to display the menu screen included on DVD video discs.

SLOW (-/+) (p. 21)

VOLUME (+/-)

PRESET(+/-) (p. 28)

SKIP (⏮/⏭) (p. 20, 24)

MUTE (p. 29)

STOP
PAUSE/STEP
PLAY

PROGRAM (p. 26)
CLEAR (p. 17, 22)
REPEAT (p. 21, 24)
REPEAT A-B (p. 21, 24)

MARKER(p. 22)
SEARCH (p. 22)
ANGLE (p. 22)
ZOOM (p. 22)

DIMMER (p. 29)

RDS (p. 29)

Remote Control Operation Range

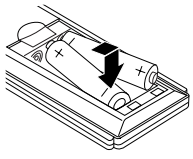
Point the remote control at the remote sensor and press the buttons.

- **Distance:** About 23 ft (7 m) from the front of the remote sensor
- **Angle:** About 30° in each direction in front of the remote sensor

Notes

- If the remote control does not operate correctly, or if the operating range becomes reduced, replace both batteries with new ones.
- If the batteries are dead or if you will not use the remote control for a long time, remove the batteries to prevent battery acid from leaking into the battery compartment.

Remote control battery installation



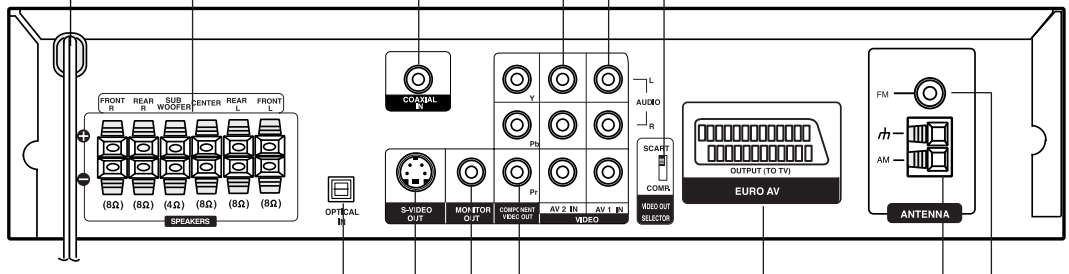
Remove the battery cover on the rear of the remote control, and insert two R03 (size AAA) batteries with ⊕ and ⊖ aligned correctly.

⚠ Caution

Do not mix old and new batteries. Never mix different types of batteries (standard, alkaline, etc.).

Dispose of batteries in a designated disposal area. Do not throw batteries into a fire.

Rear Panel



POWER CORD

SPEAKER Connectors

COAXIAL DIGITAL IN Connector

AV2 AUDIO Input (L/R)/VIDEO IN Connectors

AV1 AUDIO Input (L/R)/VIDEO IN Connectors

VIDEO OUTPUT SELECTOR
Select either COMPONENT VIDEO OUT or RGB signal of EURO AV OUTPUT(TO TV) terminal depending on how you connect the DVD/CD Receiver to the TV.

OPTICAL IN Connector

S-VIDEO OUT Connector

MONITOR VIDEO OUT Connector

COMPONENT VIDEO OUT Connectors
Connect to a TV with Y Pb Pr inputs.

OUTPUT (TO TV) EURO AV SOCKET
Connect to a TV with SCART jack.

FM Antenna Connector

AM Loop Antenna Connectors

⚠

Do not touch the inner pins of the jacks on the rear panel. Electrostatic discharge may cause permanent damage to the unit.

TV Connections

- Make one of the following connections, depending on the capabilities of your existing equipment.
- When you connect the DVD/CD Receiver to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- When using the COMPONENT VIDEO OUT jacks, set the VIDEO OUT SELECTOR on the rear panel to COMPONENT.
  When using the SCART socket, set the VIDEO OUT SELECTOR to SCART.

Tips

- Depending on your TV and other equipment you wish to connect, there are various ways you could connect the DVD/CD Receiver. Use one of the connections described below.
- Please refer to the manuals of your TV, VCR, Stereo System or other devices as necessary to make the best connections.

Notes

- Make sure the DVD/CD Receiver is connected directly to the TV. Select the correct AV input on your TV.
- Do not connect your DVD/CD Receiver to TV via your VCR. The DVD image could be distorted by the copy protection system.

S-Video connection

Connect the S-VIDEO OUT jack on the DVD/CD Receiver to the S-VIDEO IN jack on the TV using the S-Video cable **(S)**.
Connect the SPEAKER connectors to the speaker system as in page 13.

Video connection

Connect the MONITOR OUT jack from the DVD/CD Receiver to the VIDEO IN jack on the TV using the video cable supplied **(V)**.
Connect the SPEAKER connectors to the speaker system as in page 13.

Component Video connection

Connect the COMPONENT VIDEO OUT jacks from the DVD/CD Receiver to the corresponding in jacks on the TV using Y Pb Pr cables **(C)**.
Connect the SPEAKER connectors to the speaker system as in page 13.

SCART connection

Connect the EURO AV OUTPUT (TO TV) socket [video output only] on the DVD/CD Receiver to the corresponding in jacks on the TV using the scart cable **(T)**.

Connect the SPEAKER connectors to the speaker system as in page 13.

Note

- For this unit, there is no audio output from the SCART (EURO AV). This is not a defect of the unit.

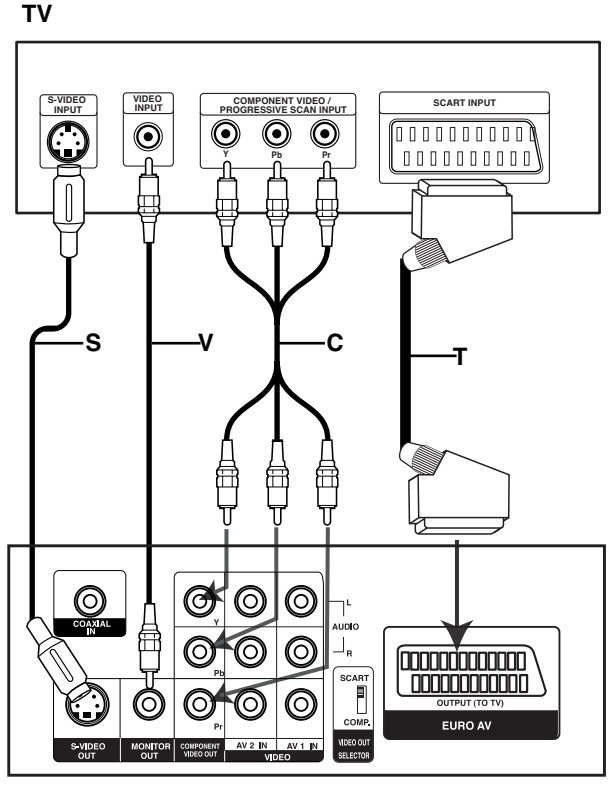
Progressive Scan connection

- If your television is a high-definition or “digital ready” television, you may take advantage of the DVD/CD Receiver’s progressive scan output for the higher video quality possible.
- If your TV does not accept the Progressive Scan format, the picture will appear scrambled if you try Progressive Scan on the DVD/CD Receiver.

Connect the COMPONENT VIDEO OUT jacks from the DVD/CD Receiver to the corresponding in jacks on the TV using Y Pb Pr cables **(C)**.

Note

- Set the Progressive to “On” on the Setup menu for progressive signal, see page 17.



Rear of DVD/CD Receiver

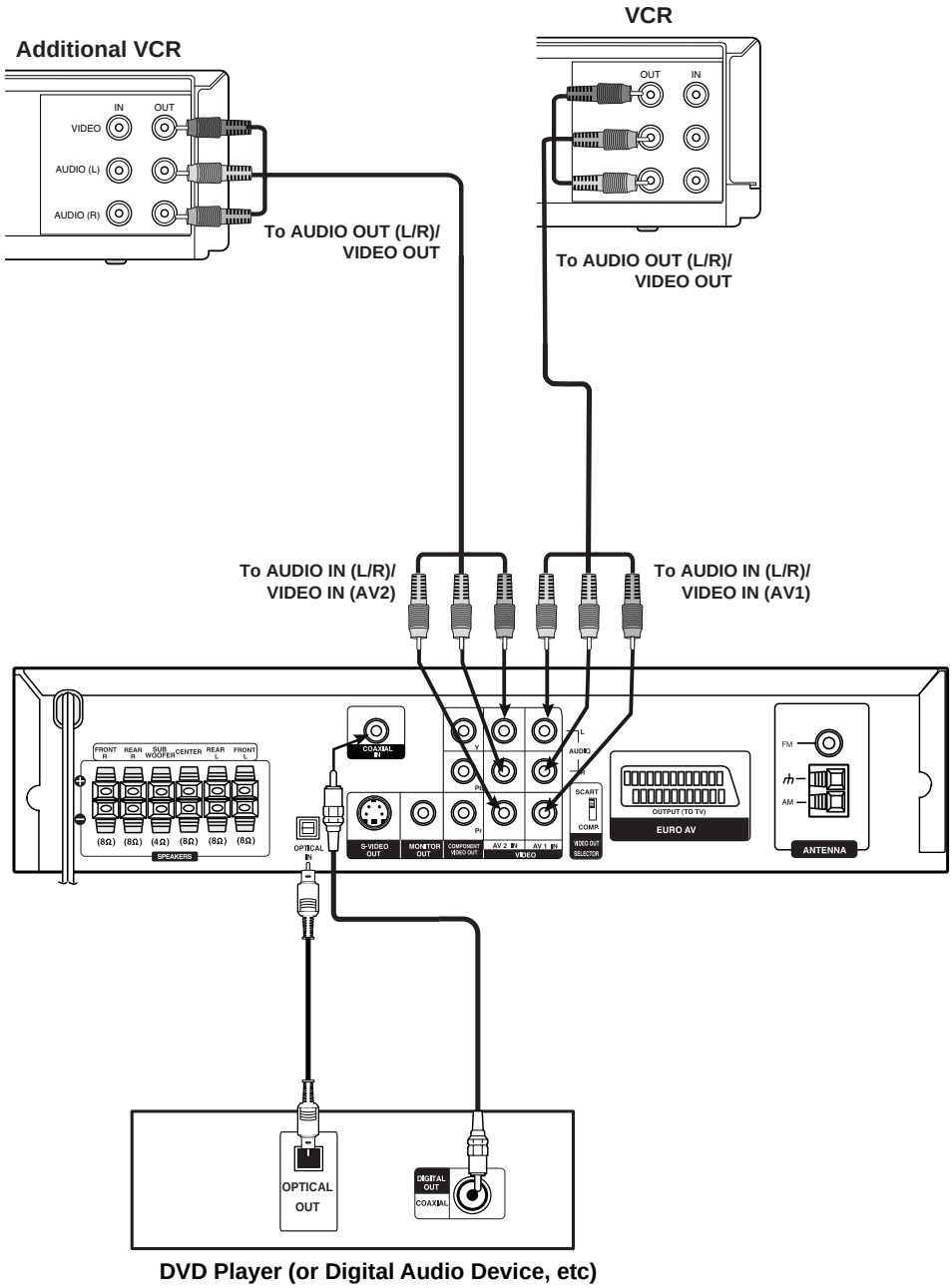
Optional Equipment Connections

1 Connect a VCR to the AV1 connectors.

2 Connect an additional VCR to the AV2 connectors.

3 Connect an optical output of DVD Player (or Digital Audio Device etc) to the OPTICAL IN connector.

4 Connect an coaxial output of DVD Player (or Digital Audio Device etc) to the COAXIAL DIGITAL IN connector.



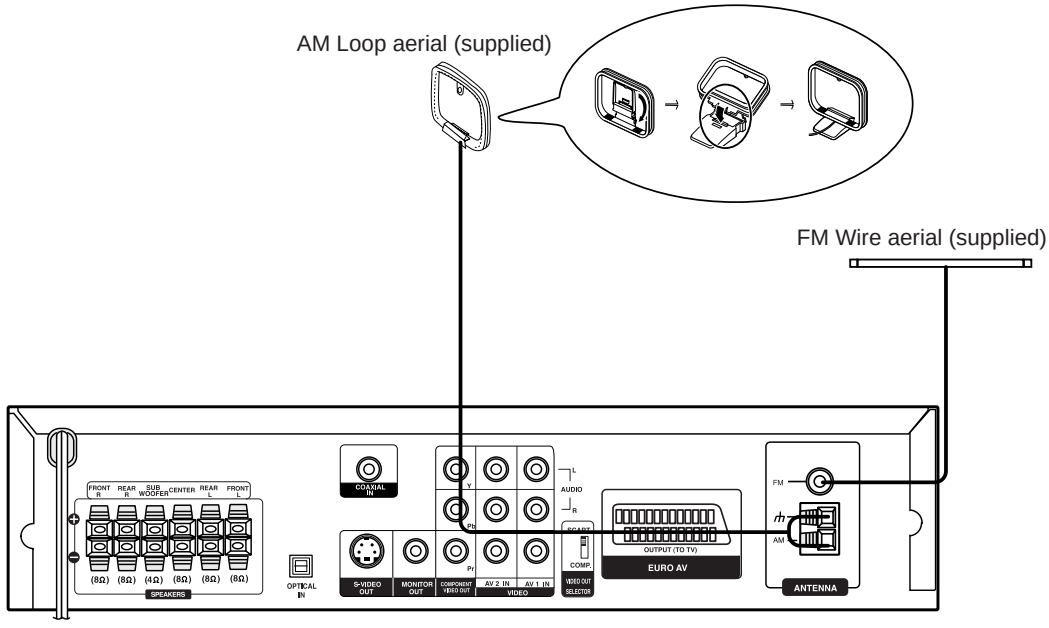
Note

- If the audio format of the digital output does not match the capabilities of your DVD/CD Receiver, the receiver will produce a strong, distorted sound or no sound at all.

Aerial Connections

Connect the supplied FM/AM aerial for listening to the radio.

- Connect the AM Loop aerial to the AM aerial connector.
- Connect he FM Wire aerial to the FM aerial connector.



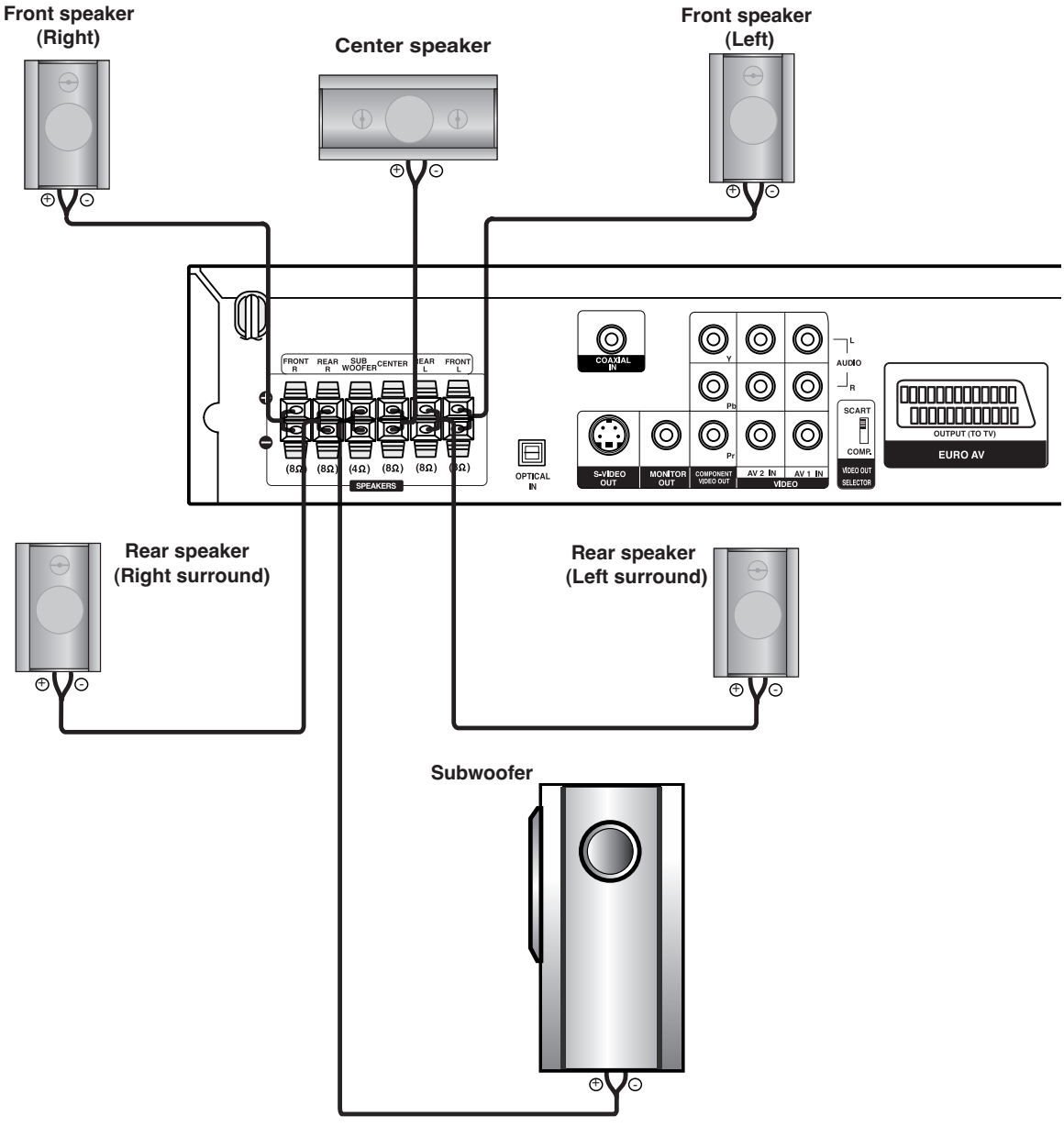
Notes

- To prevent noise pickup, keep the AM Loop aerial away from the DVD/CD Receiver and other components.
- Be sure to fully extend the FM wire aerial.
- After connecting the FM Wire aerial, keep it as horizontal as possible.

Speaker System Connection

Connect the speakers using the supplied speaker cords.

To obtain the best possible surround sound, adjust the speaker parameters (volume, distance, etc.).



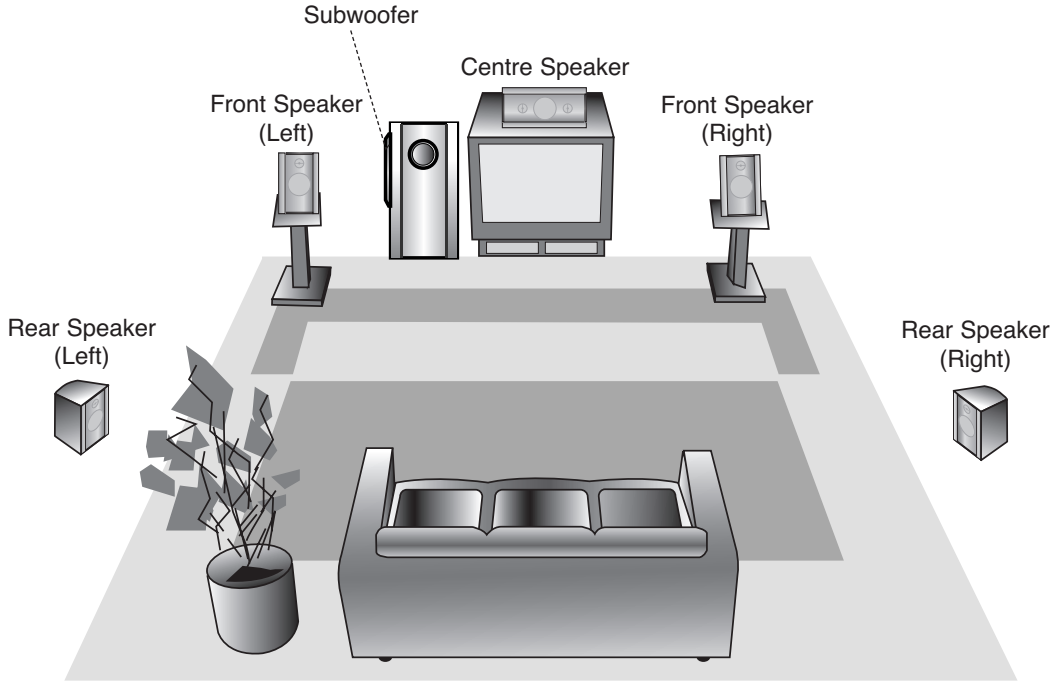
Notes

- Be sure to match the speaker cable to the appropriate terminal on the components: + to + and – to –. If the cables are reversed, the sound will be distorted and will lack base.
- If you use front speakers with low maximum input rating, adjust the volume carefully to avoid excessive output on the speakers.
- Do not remove the front cover of supplied speaker.

Speaker Positioning

In the case of normal positioning using the 6 speakers (2 front speakers, centre speaker, 2 rear speakers and sub-woofer).
If you want to play the excellent bass sound, DTS digital surround or Dolby Digital surround, you should connect a subwoofer.

- **Front speakers**
  According to your listening position set up the speakers for equal distance. And by hearing position set up the interval between speakers to 45 degree.
- **Centre speaker**
  The centre speakers and front speakers are ideally the same height. But normally place it above or below the television.
- **Rear speakers**
  Place left and right behind the listening area. These speakers recreate sound motion and atmosphere required for surround sound playback. For best results, do not install the rear speakers too far behind the listening position and install them at or above the level of the listener's ears. It is also effective to direct the rear speakers towards a wall or ceiling to further disperse the sound.
  In the case of a smaller room size, if the audience is near to the rear wall set the rear speakers opposite each other, and set the rear speakers above 60 - 90 cm than the listener's ears.
- **Subwoofer**
  This can be placed in any front position.



Speaker Positioning Example

Mini Glossary for Audio Stream & Surround mode

dts

Allows you to enjoy 5.1(or 6) discrete channels of high quality digital audio from DTS program sources such as discs, DVD and compact discs, etc.bearing the trademark. DTS Digital Surround delivers up to 6 channels of transparent audio(which means identical to the original masters) and results in exceptional clarity throughout a true 360 degree sound field. The term DTS is a trademark of DTS Technology, LLC. Manufactured under license from DTS Technology, LLC.

DIGITAL

The Dolby Digital surround format lets you enjoy up to 5.1 channels of digital surround sound from a Dolby Digital program source. If you play DVDs with " DOLBY DIGITAL " mark, you can enjoy even better sound quality, greater spatial accuracy, and improved dynamic range.

PRO LOGIC

Use this mode when playing movie or Dolby Digital 2 channel which carries the " DOLBY SURROUND " mark. This mode provides the effect of being in a movie theatre or live concert house-an effect with an intensity which can only be obtained through DOLBY PRO LOGIC SURROUND. The effect of the front/back/left/right movement of the sound image, as well as the sense of fixed position in the sound image, is much clearer and more dynamic than before.

PRO LOGIC (II)

Dolby Pro Logic II creates five full-bandwidth output channels from two-channel sources. This is done using an advanced, high-purity matrix surround decoder that extracts the spatial properties of the original recording without adding any new sounds or tonal colorations.

MOVIE mode:
The Movie mode is for use with stereo television shows and all programs encoded in Dolby Surround. The result is enhanced soundfield directionality that approaches the quality of discrete 5.1-channel sound.

MUSIC mode:
The Music mode is for use with any stereo music recordings.

MATRIX mode:
The Matrix mode is the same as the Music mode except that the directional enhancement logic is turned off. It may be used to enhance mono signals by making them seem "larger." The Matrix mode may also find use in auto systems, where the fluctuations from poor FM stereo reception can otherwise cause disturbing surround signals from a logic decoder. The ultimate "cure" for poor FM stereo reception may be simply to force the audio to mono.

3D SURROUND

This unit can produce a 3D Surround effect, using 3D Surround Sound technology, which simulates multi-channel audio playback from two conventional stereo speakers instead of the five or more speakers normally required to listen to multi-channel audio from a home theatre. This feature works with DVD discs encoded with Dolby Pro Logic and Dolby Digital audio tracks.

BYPASS

Software with multichannel surround audio signals is played according to the way it was recorded.

Sound Mode

You can enjoy surround sound simply by selecting one of the pre-programmed sound fields according to the program you want to listen to. Press CD/DVD to select DVD mode.

Each time you press **SOUND** button, the sound mode is changed in the following order;

PRO LOGIC → PLII MOVIE → PLII MUSIC → PLII MATRI → ROCK → POP → LIVE → DANCE → TECHNO → CLASSIC → SOFT → 3D SURROUND → BYPASS ...

Note

The Sound Mode cannot be changed when in DTS or 5.1CH audio format.

ips

- ROCK: Reproduces the acoustics of rock music.
- POP: Reproduces the acoustics of pop music.
- LIVE: Reproduces the acoustics of a 300-seat live.
- DANCE: Reproduces the acoustics of dance music.
- TECHNO: Reproduces the acoustics of techno music.
- CLASSIC: Reproduces the acoustics of orchestral music.
- SOFT: Ideal for soft acoustic sounds.

When DVD is inserted.

You can change the sound mode of DVD (Dolby Digital, DTS, PRO LOGIC, etc) by pressing the **AUDIO** button on the remote during playback.
Although the DVD contents differ from disc to disc, the following explains the basic operation when this feature is used.

Each time you press **AUDIO** button, the sound mode of DVD is changed as the following order;

For your reference

- **The DVD/CD Receiver memorizes the last mode settings for each source individually.**
- **You can identify the encoding format of program software by looking at its packaging.**
  - Dolby Digital discs are labeled with the DOLBY DIGITAL logo.
  - Dolby Surround encoded programs are labeled with the DOLBY SURROUND logo.
  - DTS Digital Surround discs are marked with DTS.

Note

Sound Mode is not applicable when headphone is used.

General Explanation

This manual gives basic instructions for operating the DVD/CD Receiver. Some DVDs require specific operation or allow only limited operation during playback. When this occurs, the symbol ⃠ appears on the TV screen, indicating that the operation is not permitted by the DVD/CD Receiver or is not available on the disc.

On-Screen Display

General playback status can be displayed on the TV screen. Some items can be changed on the menu.

On-screen display operation

1 **Press CD/DVD to select DVD mode.**

2 **Press DISPLAY during playback.**

3 **Press ▲/▼ to select an item.**
The selected item will be highlighted.

4 **Press ◀/▶ to change the setting of an item.**
The number buttons can be also be used for setting numbers (e.g., title number). For some functions, press ENTER to execute the setting.

Temporary Feedback Field Icons

- TITLE — Repeat Title
- CHAPT — Repeat Chapter
- TRACK — Repeat Track (non-PBC Video CDs)
- ALL — Repeat All Tracks (non-PBC Video CDs only)
- A B — Repeat A-B
- OFF — Repeat Off
- ▮▮■ — Resume play from this point
- ⃠ — Action prohibited or not available

Notes

- Some discs may not provide all of the features on the on-screen display example shown below.
- If no button is pressed for 10 seconds, the on-screen display disappears.

DVD

Items		Function (Press ▲/▼ to select desired item)	Selection Method
Title Number	1/3	**Shows the current title number and total number of titles, and** skips to the desired title number.	◀ /▶, or Numbers, ENTER
Chapter Number	1/12	**Shows the current chapter number and total number of chapters, and** skips to the desired chapter number.	◀ /▶, or Numbers, ENTER, SKIP
Time search	-:--:--	**Shows the elapsed playing time, and** searches the point directly from the elapsed time.	Numbers, ENTER
Audio language and Digital Audio Output mode	1 ENG DD 5.1 CH	**Shows the current audio soundtrack language, encoding method, and channel number, and** changes the setting.	◀ /▶, or AUDIO
Subtitle language	OFF	**Shows the current subtitles language, and** changes the setting.	◀ /▶, or SUBTITLE
Angle	1/1	**Shows the current angle number and total number of angles, and** changes the angle number.	◀ /▶, or ANGLE
Sound	BYPASS	**Shows the current sound mode, and** changes the setting.	◀ /▶, or SOUND

VCD2.0 VCD1.1

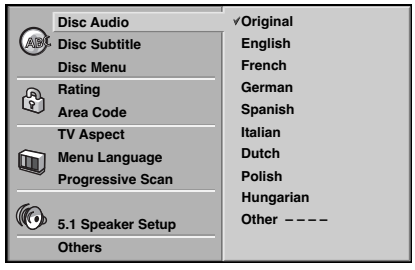
Items		Function (Press ▲/▼ to select desired item)	Selection Method
Track Number	1/4	**Shows the current track number, total number of tracks or PBC On mode, and** skips to the desired track number.	◀ /▶, or Numbers, ENTER
Time	0:16:57	**Shows the elapsed playing time (Display only)**	–
Audio Channel	STER.	**Shows the audio channel, and** changes the audio channel.	◀ /▶, or AUDIO
Sound	BYPASS	**Shows the current sound mode, and** changes the setting.	◀ /▶, or SOUND

Initial Setup

You can set your own Personal Preferences on the DVD/CD Receiver.

General and Operation

1 Press SETUP.
The Setup menu appears.



2 Use ▲/▼ to select the menu option.
The screen will show the current setting for the selected menu option, as well as alternate setting(s).

3 While the menu option is selected, press ▶, then ▲/▼ to select the desired setting.

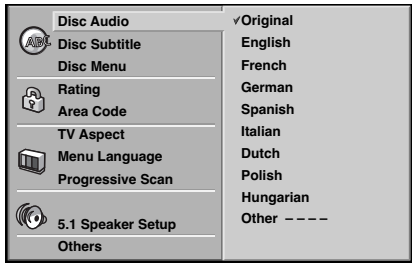
4 Press ENTER to confirm your selection.
Some menu option require additional steps.

5 Press SETUP, RETURN, or PLAY to remove the Setup menu.

Language

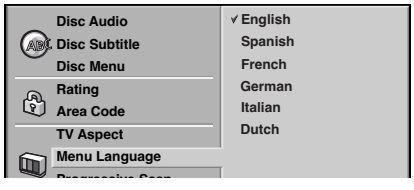
Disc Language DVD

Select a language for the disc's Menu, Audio, and Subtitle.
Original : The original language set for the disc is selected.
Other : To select another language, use the number buttons to enter the corresponding 4-digit number according to the language code list on page 30. If you enter the wrong language code, press CLEAR.



Menu Language

Select a language for the Setup menu. This is the menu you see when you press SETUP.

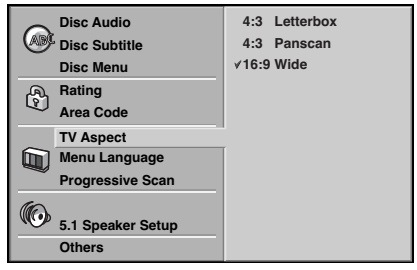


Picture

TV Aspect DVD

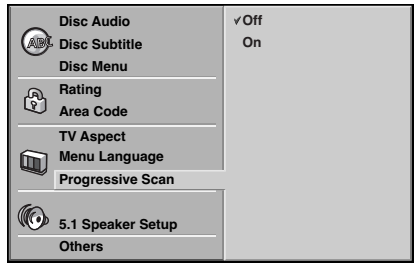
4:3 Letterbox: Select when a standard 4:3 TV is connected. Displays theatrical images with masking bars above and below the picture.

4:3 Panscan: Select when a conventional TV set is connected. The video material formatted in the Pan & Scan style is played back in that style (Both sides of the picture are cut off).
16:9 Wide: Select when a 16:9 wide TV is connected.



Progressive Scan DVD

Progressive Scan Video provides the highest quality pictures with less flickering.
If you are using the COMPONENT VIDEO OUT jacks, but are connecting the DVD/CD player to a standard (analog) television, set Progressive Scan to Off.
If you are using the Component Video jacks for connection to a TV or monitor that is compatible with a progressive scan signal, set Progressive Scan to On.



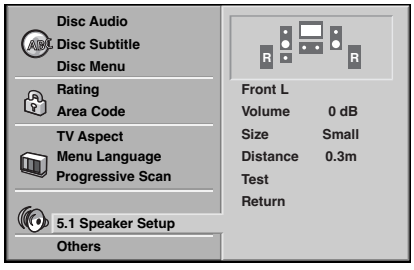
Notes

- Progressive Scan will not be displayed in the Setup menu when the rear switch (VIDEO OUT SELECTOR) is set at SCART position.
- Once the setting for progressive scan output is entered, an image will only be visible on a progressive scan compatible TV or monitor. If you set Progressive Scan to On in error, you must reset the unit.
  1) Remove any disc from the unit and close the disc tray. See that "NO DISC" is displayed on the displaywindow.
  2) Press STOP and hold it for five seconds before releasing it. The video output will be restored to the standard setting and a picture will once again be visible on a conventional analog TV or monitor.

Speaker Setup

5.1 Speaker settings DVD

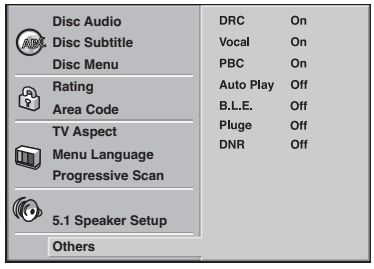
Select speaker settings, including volume balance and delay time, or test the speaker settings.
Speaker settings are only active on the Analog Multi-Channel Output. (See “Speaker Setup”, page 27.)



Others

The DRC, Vocal, PBC, Auto Play, B.L.E., Pluge and DNR settings can be changed.

- Press ▲/▼ to select the desired item and press ENTER. The setting of the selected item is changed between On and Off.



Dynamic Range Control (DRC)

With the DVD format, you can hear a program’s soundtrack in the most accurate and realistic presentation possible, thanks to digital audio technology. However, you may wish to compress the dynamic range of the audio output (the difference between the loudest sounds and the quietest ones). Then, you may listen to a movie at a lower volume without losing clarity of sound. Set DRC to On for this effect.

Vocal

Set Vocal to On only when a multi-channel karaoke DVD is playing. The karaoke channels on the disc will mix into normal stereo sound.

PBC

Set Playback Control (PBC) to On or Off.
On: Video CDs with PBC are played according to the PBC.
Off: Video CDs with PBC are played the same way as Audio CDs.

Auto Play DVD

You can set up the DVD/CD Receiver so a DVD disc automatically starts playing whenever the DVD is inserted.
If Auto Play mode is set to On, this DVD/CD Receiver will search a title that playback time is longest and then play back the title automatically.

On: Auto Play function is activated.
Off: Auto Play function is not activated.

Note
The Auto Play function may not work for some DVDs.

B.L.E. (Black Level Expansion)

DVD VCD2.0 VCD1.1

To select the black level of playback pictures. Set your preference and monitor’s ability.

On: Expanded grey scale. (0 IRE cut off)
Off: Standard grey scale. (7.5 IRE cut off)

Note
The B.L.E. function works on NTSC system only.

Pluge (Blacker than Black) DVD

For proper adjustment of your television brightness settings utilizing a commercially available test disc.

On: Select when you adjust the level of your TV using a commercially available test disc that contains pluge signals.
Off: For normal use.

DNR (Digital Noise Reduction)

DVD VCD2.0 VCD1.1

You can reduce ambient noise in the picture.

DNR1: Normal level
DNR2: Expanded level.
Off: Off.

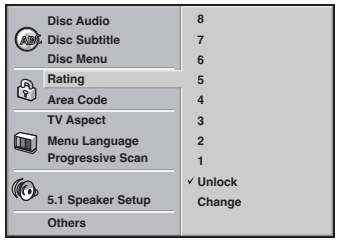
Notes

- Actual picture enhancement may vary depending on the quality of the disc.
- While the DNR2 (expanded level) can provide additional improvement in the reduction of noise in the video signal, it may produce undesirable picture artifacts on some discs. Should this occur, select a more appropriate DNR level (normal or off).
- Depending on the disc, some picture detail may be lost by the picture enhancement.

Parental Control

Rating DVD

Movies on DVDs may contain scenes not suitable for children. Therefore, discs may contain Parental Control information that applies to the complete disc or to certain scenes on the disc. These scenes are rated from 1 to 8, and alternatively, more suitable scenes are available for selection on some discs. Ratings are country-dependent. DVD video discs may or may not respond to the parental control setting if the Area Code of the disc is set wrongly. The Parental Control feature allows you to prevent discs from being played by your children or to have certain discs played with alternative scenes.



1 **Select "Rating" on the Setup menu using the ▲/▼ buttons.**

2 **While "Rating" is selected, press ▶.**

3 **When you have not entered a password.**
Enter a 4-digit password using the number buttons to create a personal 4-digit security password. then press ENTER. Enter the 4-digit password again and press ENTER to verify.
When you have already registered a password;
Enter a 4-digit password using the numbered buttons to confirm the personal 4-digit security password, then press ENTER.

If you make a mistake before pressing ENTER, press CLEAR and enter 4-digit security password again.

4 **Select a rating from 1 to 8 using the ▲/▼ buttons. One (1) has the most playback restrictions. Eight (8) has the least playback restrictions.**
Unlock: If you select Unlock, Parental Control is not active. The disc will play in full.
Ratings 1 to 8: Some discs contain scenes not suitable for children. If you set a rating for the player, all disc scenes with the same rating or lower will be played. Higher rated scenes will not be played unless an alternative scene is available on the disc. The alternative must have the same rating or a lower one. If no suitable alternative is found, playback will stop. You must enter the 4-digit password or change the rating level in order to play the disc.

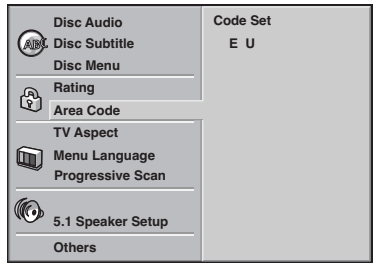
5 **Press ENTER to confirm your rating selection, then press SETUP to exit the menu.**

6 **Press OPEN/CLOSE ⏏ to activate parental control.**

Notes
- This function may not work for some DVDs.
- To watch the disc whose rating is higher than the setting, press ENTER to input the password. Press PLAY to start playback.

Area Code DVD

Enter the code of a country/area whose standards were used to rate the DVD video disc, referring to the list (See "Area Code List", page 31).



1 **Select Area Code using the ▲/▼ buttons on the setup menu.**

2 **While Area Code is selected, press ▶.**

3 **Follow step 3 of "Rating" on left.**

4 **Select the first character using the ▲/▼ buttons.**

5 **Shift the cursor using ▶ button and select the second character using ▲/▼ buttons.**

6 **Press ENTER to confirm your Area Code selection, then press SETUP to exit the menu.**

Note
Confirmation of the 4-digit password is necessary when the code is changed (see "Changing a password" below.).

Changing a password

1 Follow Steps 1-2 as shown above to the left (Rating).
2 Enter the old code, then press ENTER.
3 Select Change using ▲/▼ buttons then press ENTER.
4 Enter the new 4-digit code, then press ENTER.
5 Enter exactly the same code a second time and verify by pressing ENTER.
6 Press SETUP to exit the menu.

If you forget your 4-digit code

If you forget your password, to clear the current password, follow the procedure below.

1 Press SETUP to display the setup menu.
2 Use the Number buttons to enter the 6-digit number "210499".
The 4-digit password is cleared.
3 Enter a new code as shown above to the left (Rating).

Playing a DVD and Video CD

Playback Setup DVD VCD2.0 VCD1.1

- Turn on the TV and select the video input source connected to the DVD/CD Receiver.
- Audio system: Turn on the audio system and select the input source connected to the DVD/CD Receiver.

1 Press CD/DVD to select DVD mode.

2 Press OPEN/CLOSE to open the disc tray.

3 Load your chosen disc in the tray, with the playback side facing down.

4 Press OPEN/CLOSE to close the tray.
READING appears on the TV screen, and playback starts automatically. If playback does not start, press PLAY.
In some cases, the disc menu might appear instead.

5 To stop the playback, press STOP.
The unit records the stopped point, depending on the disc. " ■ " appears on the screen briefly. Press PLAY to resume playback (from the scene point). If you press STOP again or unload the disc (" ■ " appears on the screen), the unit will clear the stopped point.
Press **OPEN/CLOSE** to remove the disc.
Press **OPEN/CLOSE** to close disc tray or press POWER, the disc tray closes automatically and unit turns off.

If a menu screen is displayed

The menu screen may be displayed first after loading a DVD or Video CD which offers a menu.

DVD

Use the ◄ ►▲▼ buttons to select the title/chapter you want to view, then press ENTER to start playback. Press TOP MENU or MENU to return to the menu screen.

VCD2.0

- Use the number buttons to select the track you want to view.
  Press RETURN to return to the menu screen.
- Menu setting and the exact operating procedures for using the menu may differ depending on the disc. Follow the instructions on the each menu screen. You also may set PBC to Off under setup. See page 18.

Notes

- If Parental Control is set and the disc is not within the Rating settings (not authorized), the 4-digit code must be entered and/or the disc must be authorized (see "Parental Control", on page 19).
- DVDs may have a regional code.
  Your receiver will not play discs that have a regional code different from your receiver. The regional code for this receiver is 2 (two).

General Features

Note

Unless stated otherwise, all operations described use the remote control. Some features may also be available on the Setup menu.

Moving to another TITLE

DVD T 1/3

When a disc has more than one title, you can move to another title as follows:

- Press DISPLAY, then press the appropriate number button (0-9) to select a title number.

Moving to another CHAPTER/TRACK

DVD VCD1.1

C 1/12 T 1/3

When a title on a disc has more than one chapter or a disc has more than one track, you can move to another chapter/track as follows:

- Press SKIP I◄◄ or ►►I briefly during playback to select the next chapter/track or to return to the beginning of the current chapter/track.
- Press I◄◄ twice in quick succession to step back to the previous chapter/track.
- To go directly to any chapter during DVD playback, press DISPLAY. Then, press ▲/▼ to select the chapter/track icon. Then, enter the chapter/track number using the numbered buttons (0-9).

Note

For two-digit numbers, press the numbered buttons (0-9)in rapid succession.

Search DVD VCD2.0 VCD1.1

1 Press and hold SKIP I◄◄ or ►►I for about two seconds during playback.
The receiver will now go into SEARCH mode.

2 Press and hold SKIP I◄◄ or ►►I repeatedly to select the required speed: ◄◄X2, ◄◄X4, ◄◄X16, ◄◄X100 (backward) or ►►X2, ►►X4, ►►X16, ►►X100 (forward).
With a Video CD, the Search speed changes: ◄◄X2, ◄◄X4, ◄◄X8, (backward) or ►►X2, ►►X4, ►►X8, (forward).

3 To return to normal play, press PLAY.

Pause DVD VCD2.0 VCD1.1

1 Press PAUSE/STEP during playback.

2 To return to playback, press PLAY.

General Features (continued)

Still Picture and Frame-by-frame playback

DVD VCD2.0 VCD1.1

1 Press PAUSE/STEP during playback.
The DVD/CD Receiver will now go into PAUSE mode.
2 You can advance the picture frame-by-frame by pressing PAUSE/STEP repeatedly on the remote control.
3 To return to normal play, press PLAY.

Slow Motion DVD VCD2.0 VCD1.1

1 Press SLOW **-** or **+** during playback.
The DVD/CD Receiver will enter SLOW mode.
2 Use the SLOW **-** or **+** to select the required speed: ◀❙ 1/16, ◀❙ 1/8, ◀❙ 1/4 or ◀❙ 1/2 (backward), or ❙▶ 1/16, ❙▶ 1/8, ❙▶ 1/4 or ❙▶ 1/2 (forward).
3 To return to normal play, press PLAY.

Note
Slow motion playback in reverse is not applicable for Video CD.

Repeat A-B DVD VCD2.0 VCD1.1

To repeat a sequence in a title or group:

1 Press REPEAT A-B at your chosen starting point.
" A * " appears briefly on the TV screen.
2 Press REPEAT A-B again at your chosen end point.
"A B" appears briefly on the TV screen, and the repeat sequence begins ("RPT" appears on the display window).
3 To cancel the sequence, press REPEAT A-B.

Repeat DVD VCD2.0 VCD1.1

DVD Video Discs - Repeat Chapter/Title/Off

1 To repeat the currently playing chapter, press REPEAT.
The Repeat Chapter icon appears on the TV screen.
2 To repeat the title currently playing, press REPEAT a second time.
The Repeat Title icon appears on the TV screen.
3 To exit Repeat mode, press REPEAT a third time.
The Repeat Off icon appears on the TV screen.

Video CDs - Repeat Track/All/Off

1 To repeat the track currently playing, press REPEAT.
The Repeat Track icon appears on the TV screen.
2 To repeat the disc currently playing, press REPEAT a second time.
The Repeat All icon appears on the TV screen.
3 To exit Repeat mode, press REPEAT a third time.
The Repeat Off icon appears on the TV screen.

Note
On a Video CD with PBC, you must set PBC to Off on the setup menu to use the Repeat function. See page 18.

Time Search DVD

The Time Search function allows you to start playing at any chosen time on the disc.

1 Press DISPLAY during playback. The on-screen display appears on the screen.
The Time Search box shows the elapsed playing time of the current disc.
2 Within 10 seconds, press ▲/▼ to select the Time Search icon in the on-screen display.
The "-:--:--" appears in the Time Search box.
3 Within 10 seconds, use the number buttons to enter the required start time. Enter hours, minutes, and seconds from left to right in the box.
If you enter the wrong numbers, press CLEAR to remove the numbers you entered. Then enter the correct numbers.
4 Within 10 seconds, press ENTER to confirm the start time.
Playback starts from the selected time on the disc. If you enter an invalid time, playback will continue from the current point.

General Features (continued)

3D Surround DVD VCD2.0 VCD1.1

This unit can produce a 3D Surround effect, which simulates multi-channel audio playback from two conventional stereo speakers, instead of the five or more speakers normally required to listen to multi-channel audio from a home theater system.

1 Press SOUND to select “3D SUR” during playback.

2 To turn off the 3D Surround effect, press SOUND again to select “BYPASS”.

Note

The Sound Mode cannot be changed when in DTS or 5.1CH audio format.

Zoom DVD VCD2.0 VCD1.1

The Zoom function allows you to enlarge the video image and to move through the enlarged image.

1 Press ZOOM during playback or still playback to activate the Zoom function.
If you press ZOOM repeatedly, the magnification level increases up to six steps.

2 Use the ◀▶▲▼ buttons to move through the zoomed picture.

3 Press CLEAR to resume normal playback or return to the paused image.

Note

The zoom function may not work for some DVDs.

Marker Search DVD VCD2.0 VCD1.1

You can start playback from a memorized point. Up to nine points can be memorized.
To enter a mark, follow these steps.

1 During disc playback, press MARKER when playback reaches the spot that you want to memorize.
The Marker icon will appear on the TV screen briefly.

2 Repeat step 1 to enter up to nine Marker points on a disc.

To Recall a Marked Scene

1 During disc playback, press SEARCH.
The MARKER SEARCH menu will appear on the screen.

2 Within 10 seconds, press ◀/▶ to select a Marker number that you want to recall.

3 Press ENTER.
Playback will start from the Marked scene.

4 To remove the MARKER SEARCH menu, press SEARCH.

To clear a Marked Scene

1 During disc playback, press SEARCH.
The MARKER SEARCH menu will appear on the screen.

2 Press ◀/▶ to select the Marker number that you want to erase.

3 Press CLEAR.
The Marker number will be erased from the list.

4 Repeat steps 2 and 3 to erase additional Marker numbers.

5 To remove the MARKER SEARCH menu, press SEARCH.

Special DVD Features DVD

Checking the contents of DVD Video discs: Menus

DVDs may offer menus that allow you to access special features. To use the disc menu, press MENU. Then, press the appropriate number button to select an option. Or, use the ◀▶▲▼ buttons to highlight your selection, then press ENTER.

Title Menu DVD

1 Press TOP MENU.
If the current title has a menu, the menu will appear on the screen. Otherwise, the disc menu may appear.

2 The menu can list camera angles, spoken language and subtitle options, and chapters for the title.

3 To remove the title menu, press TOP MENU again.

Disc Menu DVD

1 Press MENU.
The disc menu is displayed.

2 To remove the disc menu, press MENU again.

Camera Angle DVD

If the disc contains scenes recorded at different camera angles, you can change to a different camera angle during playback.

- Press ANGLE repeatedly during playback to select a desired angle.
The number of the current angle appears on the display.

Changing the Audio Language

DVD

Press AUDIO repeatedly during playback to hear a different audio language or audio track.

Changing the Audio Channel VCD2.0 VCD1.1

Press AUDIO repeatedly during playback to hear a different audio channel (STER., LEFT or RIGHT).

Subtitles DVD

Press SUBTITLE repeatedly during playback to see the different subtitle languages.

Note

If ⃠ appears, the feature is not available on the disc.

Operation with Audio and MP3/WMA Disc

Playing an Audio CD and MP3/WMA Disc

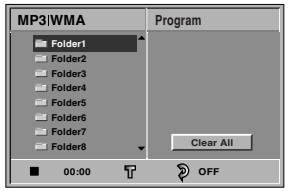
CD MP3 WMA

The DVD/CD Receiver can play MP3/WMA formatted recordings on CD-ROM, CD-R or CD-RW discs.
Before playing MP3/WMA recordings, read the notes on MP3/WMA Recordings on right.

1 **Press CD/DVD to select DVD mode.**

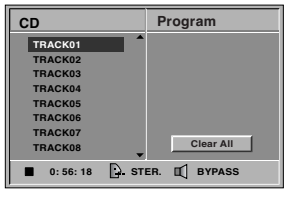
2 **Insert a disc and close the tray.**
Audio CD; Audio CD menu appears on the TV screen. Go to step 4.
MP3/WMA disc; The MP3/WMA-JPEG choice menu appears on the TV screen. Go to step 3.

3 **Press ▲/▼ to select the MP3/WMA then press ENTER.**
The MP3/WMA menu appears on the TV screen. Press RETURN to move to the MP3/WMA-JPEG choice menu.

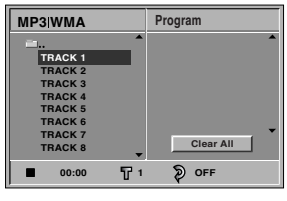


4 **Press ▲/▼ to select a folder, and ENTER.**
A list of files in the folder appears.

5 **Press ▲/▼ to select a track then press PLAY or ENTER.**
Playback starts.
During playback, the current track's elapsed playing time will appear on the display window and menu.
Playback will stop at the end of the disc.
Press TOP MENU to move to the next page.
Press MENU to move to the previous page.



Audio CD menu



MP3/WMA menu

Tip
If you are in a file list and want to return to the Folder list, use the ▲/▼ to highlight .. and press ENTER to return to the previous menu screen.

6 **To stop playback at any other time, press STOP.**

Notes on MP3/WMA Recordings

About MP3

- An MP3 file is audio data compressed by using the MPEG1 audio layer-3 file-coding scheme. We call files that have the ".mp3" file extension "MP3 files".
- The player can not read an MP3 file that has a file extension other than ".mp3".

About WMA(Windows Media Audio)

- An WMA file is a Microsoft audio compression technology.
- WMA(Windows Media Audio) offers double the audio compression of the MP3 format.

MP3/WMA Disc compatibility with this DVD/CD receiver is limited as follows:

1. Sampling Frequency / only at 44.1kHz (MP3), 32 - 44.1kHz (WMA)
2. Bit rate / within 32 - 320kbps (MP3), 32 - 128kbps (WMA)
3. CD-R physical format should be "ISO 9660"
4. If you record MP3/WMA files using the software which cannot create a FILE SYSTEM, for example "Direct-CD" etc., it is impossible to playback MP3/WMA files. We recommend that you use "Easy-CD Creator", which creates an ISO9660 file system.
5. A single session disc requires MP3/WMA files in the first track. If there is no MP3/WMA file in the 1st track, it cannot playback MP3/WMA files. If you wish to playback MP3/WMA files, format all the data in the disc or use a new one.
6. File names should be named using 8 letters or less and must incorporate ".mp3" or ".wma" extension e.g. "********.MP3" or "********.WMA".
7. Do not use special letters such as "/ : * ? " < > " etc.
8. Total number of files on the disc should be less than 650.

This DVD/CD Receiver requires discs/recordings to meet certain technical standards in order to achieve optimal playback quality. Pre-recorded DVDs are automatically set to these standards. There are many different types of recordable disc formats (including CD-R containing MP3 or WMA files). That require certain pre-existing conditions (see above) to insure compatible playback.

Customers should also note that permission is required in order to download MP3/WMA files and music from the Internet. Our company has no right to grant such permission. Permission should always be sought from the copyright owner.

Pause CD MP3 WMA

1 Press PAUSE/STEP during playback.

2 To return to playback, press PLAY or press PAUSE/STEP again.

Moving to another Track CD MP3 WMA

- Press SKIP ⏮ or ⏭ briefly during playback to go to the next track or to return to the beginning of the current track.
- Press SKIP ⏮ twice in quick succession to step back to the previous track.
- In case of audio CD, to go directly to any track, enter the track number using the numbered buttons (0-9) during playback.

Repeat Track/All/Off CD MP3 WMA

1 To repeat the track currently playing, press REPEAT.
The Repeat icon and "TRACK" appears on the menu screen.

2 To repeat all tracks on a disc, press REPEAT a second time.
The Repeat icon and "ALL" appears on the menu screen.

3 To cancel Repeat mode, press REPEAT a third time.
The Repeat icon and "OFF" appears on the menu screen.

Search CD MP3 WMA

1 Press and hold SKIP ⏮ or ⏭ for about two seconds during playback.
The player will now go into SEARCH mode.

2 Press and hold SKIP ⏮ or ⏭ repeatedly to select the required speed: ◀◀X2, ◀◀X4, ◀◀X8 (backward) or ▶▶X2, ▶▶X4, ▶▶X8 (forward).
Search speed and direction are indicated on the menu screen.

3 To exit SEARCH mode, press PLAY.

Repeat A-B CD

To repeat a sequence.

1 During disc playback, press REPEAT A-B at your chosen starting point.
The Repeat icon and "A * " appears on the menu screen.

2 Press REPEAT A-B again at your chosen end point.
The Repeat icon and "A B" appears on the menu screen, and the sequence begins to play repeatedly.

3 To exit the sequence and return to normal play, press REPEAT A-B again.
The Repeat icon and "OFF" appears on the menu screen.

3D Surround CD

This unit can produce a 3D Surround effect, which simulates multi-channel audio playback from two conventional stereo speakers, instead of the five or more speakers normally required to listen to multi-channel audio from a home theater system.

1 Press SOUND to select "3D SUR" during playback.

2 To turn off the 3D Surround effect, press SOUND again to select "BYPASS.".

Changing the Audio Channel CD

Press AUDIO repeatedly during playback to hear a different audio channel (STER., LEFT, or RIGHT).

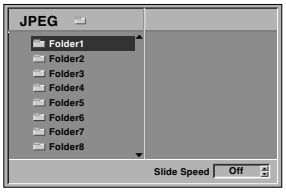
Viewing a JPEG disc JPEG

This DVD/CD Receiver can play discs with JPEG files. Before playing JPEG recordings, read the notes on JPEG Recordings on right.

1 Press CD/DVD to select DVD mode.

2 Insert a disc and close the tray.
The MP3/WMA-JPEG choice menu appears on the TV screen.

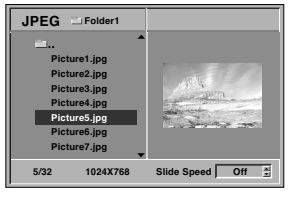
3 Press ▲/▼ to select the JPEG then press ENTER.
The JPEG menu appears on the TV screen.



4 Press ▲/▼ to select a folder, and ENTER.
A list of files in the folder appears.
Press RETURN to move to the MP3/WMA-JPEG choice menu.

Tip
If you are in a file list and want to return to the Folder list, use the ▲▼ buttons on the remote to highlight " .. " and press ENTER to return to the previous menu screen.

5 If you want to view a particular file, press ▲/▼ to highlight a file and press ENTER or PLAY.
Viewing the file proceeding starts.
During viewing a file, press RETURN to move to the previous menu (JPEG menu).
Press TOP MENU to move to the next page.
Press MENU to move to the previous page.



Tip
There are three viewing Slide Speed options: Fast, Normal, Slow, and Off. Press ◀/▶ to highlight the Slide Speed then press ▲/▼ to select the option you want to use, and press ENTER.

6 To stop viewing at any other time, press STOP.
The JPEG menu appears.

Moving to another File

Press SKIP ⏮ or ⏭ once during viewing a picture to advance to the next file or to the previous file.

Still Picture

1 Press PAUSE/STEP during slide show.
The DVD/CD Receiver will now go into PAUSE mode.
2 To return to the slide show, press PLAY or press PAUSE/STEP again.

To flip the picture

Press ▲/▼ during showing a picture to flip the picture horizontally or a vertically.

To rotate picture

Press ◀/▶ during showing a picture to rotate the picture clockwise or counter clockwise.

Notes on JPEG Recordings

- Depending upon the size and number of the JPEG files, it could take a long time for the DVD/CD Receiver to read the disc's contents. If you don't see an on-screen display after several minutes, some of the files are too big — reduce the resolution of the JPEG files to less than 2 mega pixels and burn another disc.
- Total number of files and folders on the disc should be less than 650.
- Some disc may be incompatible due to different recording format or condition of disc.
- When you are using software such as "Easy CD Creator" to burn the jpeg files into the CD-R, ensure that all the selected files have the ".jpg" extensions when copying into the CD layout.
- If the files have ".jpe" or ".jpeg" extensions, please rename them as ".jpg" files.
- File names without ".jpg" extension will not be able to be read by this DVD/CD Receiver. Even though the files are shown as JPEG image files in windows explorer.

Programmed Playback CD VCD2.0 VCD1.1 MP3 WMA

Programmed Playback with Audio CD and MP3/WMA Disc

The Program function enables you to store your favourite tracks from any disc in the receiver memory. Program can contain 30 tracks.

1 Press PROGRAM during playback or in the stop mode to enter the Program Edit mode.

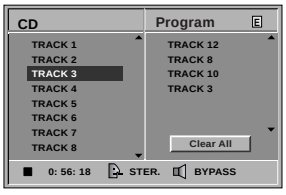
The E mark will appear to the right of the word Program on the right side of the menu screen.

Note

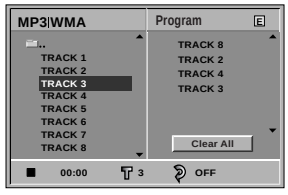
Press PROGRAM to exit the Program Edit mode; the E mark will disappear.

2 Select a track, then press ENTER to place the selected track on the Program list.

3 Repeat step 2 to place additional tracks on the Program list.



Audio CD menu



MP3/WMA menu

4 Press ▶.

The programmed track you selected last is highlighted on the program list.

5 Press ▲/▼ to select the track you want to start playing.

Press TOP MENU to move to the next page.
Press MENU to move to the previous page.

6 Press PLAY to start.

Playback begins in the order in which you programmed the tracks and "PROG." appears on the menu screen. Playback stops after all of the tracks on the Program list have played once.

7 To resume normal playback from programmed playback, press PROGRAM. Select a track of CD (or MP3/WMA) list and then press ENTER.

"PROG." indicator disappears from the menu screen.

Programmed Playback with Video CD

Note

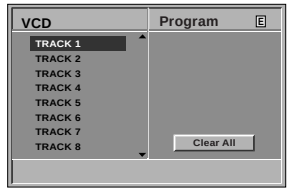
On a Video CD with PBC, you must set PBC to Off on the setup menu to use the Program function. See page 18.

Program can contain 30 tracks.

1 Insert Video CD and close the tray.

2 Press PROGRAM while playback is stopped.

The VCD Program menu will appear.



Note

Press RETURN or PROGRAM to exit the Program menu.

3 Follow steps 2-6 of "Programmed Playback with Audio CD and MP3/WMA disc" on left.

4 To resume normal playback from programmed playback, press PROGRAM.

"PROG." indicator disappears in the display window.

Repeat Programmed Tracks

- To repeat the track currently playing, press REPEAT. The Repeat icon and "TRACK" appears on the menu screen.
- To repeat all tracks on the program list, press REPEAT a second time. The Repeat icon and "ALL" appears on the menu screen.
- To cancel Repeat mode, press REPEAT a third time. The Repeat icon and "OFF" appears on the menu screen.

Note

For Video CD, the Repeat icon will only appear briefly on the screen.

Erasing a Track from Program List

1 Press PROGRAM during playback (Audio CD and MP3/WMA disc only) or in the stop mode to enter the Program Edit mode.

The E mark will appear.

2 Press ▶ to move to the Program list.
3 Use ▲/▼ to select the track that you wish to erase from the Program list.
4 Press CLEAR.

The track will be erased from the Program list.

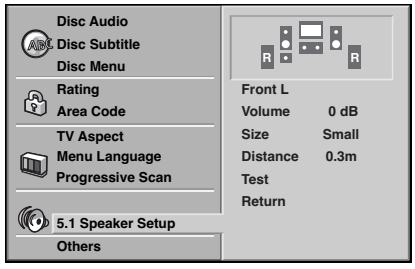
Erasing the Complete Program List

1 Follow steps 1-2 of "Erasing a Track from Program List" as above.
2 Use ▲/▼ to select "Clear All", then press ENTER.

The complete Program for the disc will be erased.
The programs are also cleared when the disc is removed.

Speaker Setup

Adjust the following settings for the built-in 5.1 channel surround decoder.



1 **Select "5.1 Speaker Setup" using the ▲/▼ buttons on the setup menu.**

2 **While "5.1 Speaker Setup" is selected, press ▶ button.**

3 **Press ▶ buttons to select the desired speaker.**

4 **Adjust options by using ▲▼◀ ▶ buttons.**

Speaker selection

Select a speaker that you want to adjust. ((Front speakers (Left), Front speakers (Right), Centre Speaker, Rear speakers (Left), Rear speakers (Right), or Subwoofer))

Note

Certain speaker settings are prohibited by the Dolby Digital licensing agreement.

Volume

Press ◀ / ▶ to adjust the output level of the selected speaker. (-6dB ~ +6dB)

Size

Since the speaker settings are fixed, you cannot change the settings.

Distance

If you connected speakers to your DVD/CD Receiver , setting the Distance lets the speakers know how far the sound has to travel to reach your set listening point. This allows the sound from each speaker to reach the listener at the same time.

Note

You can not set the distance of subwoofer speaker.

Test

Press ENTER to test the signals of each speaker. Adjust the volume to match the volume of test signals memorized in the system.

- Front Left (L) → Centre → Front Right (R) → Rear Right (R) → Rear Left (L) → Subwoofer

Return

Press ENTER to return to the previous menu.

Additional Information

Last Condition Memory

DVD CD VCD1.1

This DVD/CD Receiver memorizes the user settings for the last disc that you have viewed. Settings remain in memory even if you remove the disc from the player or switch off the player. If you load a disc that has its settings memorized, the latest stop position is automatically recalled.

notes

- Settings are stored in memory for use any time.
- This DVD/CD Receiver does not memorize settings of a disc if you switch off the DVD/CD Receiver before commencing to play it.
- This function does not work when STOP is pressed twice (" ■ " will appear on the screen).

System Select

You must select the appropriate system mode for your TV system. If NO DISC appears in the display window, press and hold PAUSE on the front panel or remote control for more than 5 seconds to be able to select a system (PAL, NTSC, or AUTO).

- When the selected system does not coincide with the system of your TV, normal colour picture may not be displayed.

AUTO: Select when DVD/CD Receiver is connected with Multi system TV.

NTSC: Select when DVD/CD Receiver is connected with NTSC-TV.

PAL: Select when DVD/CD Receiver is connected with PAL-TV.

Presetting the radio stations

You can preset 50 stations for FM and AM (MW). Before tuning, make sure that you have turned down the volume.

1. **Press FM/AM on the remote control until FM or AM (MW) appears in the display window.**
2. **And then every time you press FM/AM, FM and AM (MW) changes alternately.**
3. **Press and hold TUNING - or + on the front panel for about two seconds until the frequency indication starts to change, then release.**
   Scanning stops when the DVD/CD Receiver tunes in a station. “TUNED” and “STEREO” (for stereo program) appear in the display window.
4. **Press STOP/MEMO. on the front panel.**
   A preset number will flash in the display window.
5. **Press TUNING - or + on the front panel to select the preset number you want.**
6. **Press STOP/MEMO. on the front panel again.**
   The station is stored.
7. **Repeat steps 3 to 6 to store other stations.**

To tune in a station with a weak signal

Press TUNING - or + repeatedly in step 3 to tune in the station manually.

To clear all the stored stations

Press and hold STOP/MEMO. for about two seconds and “CLEAR ALL” is appeared in the display window and then press STOP/MEMO. again, the stations are cleared.

- If you have accidentally entered into the "CLEAR ALL" mode and you do not wish to clear the memory, do not press any key. After a few seconds, the "CLEAR ALL" display will go off by itself and change to normal mode.

Note

If all stations have already been entered, the FULL message will appear in the display window for a moment and then a preset number will flash.
To change the preset number, follow the steps 5-6 as above.

Listening to the radio

Preset radio stations in the DVD/CD Receiver’s memory first (see “Presetting radio stations” on the left).

1. **Press FM/AM until AM (MW) or FM appears in the display window.**
   The last received station is tuned in.
2. **Press PRESET + or - repeatedly on the remote control to select the preset station you want.**
   Each time you press the button, the DVD/CD Receiver tunes in one preset station at a time.
3. **Adjust the volume by rotating VOLUME on the front panel or by pressing VOLUME + or - on the remote control repeatedly.**

To turn off the radio

Press POWER to turn the DVD/CD receiver off or select another function mode (CD/DVD, AV1, etc.,).

To listen to non-preset radio stations

- Use manual or automatic tuning in step 2.
- For manual tuning, press TUNING **- or +** on the front panel repeatedly.
- For automatic tuning, press and hold TUNING **- or +** for about two seconds on the front panel.

To select a preset radio station directly

You can use the number buttons on the remote control to select a preset radio station directly.
For example, to listen to preset station 4, press 4 on the remote control. To listen to preset station 19, press 1 then 9 (within 3 seconds).

For your reference

- **If an FM program is noisy**
  Press MONO/ST. on the front panel so that “STEREO” disappears in the display window. There will be no stereo effect, but the reception will improve. Press the button again to restore the stereo effect.
- **To improve reception**
  Reorient the supplied antennas.

Other Function

Sleep Timer Setting

You can set the DVD/CD Receiver to turn off automatically at a specified time.

1 **Press SLEEP to set the desired sleep time.**
The SLEEP indicator and sleep time appears in the display window.

2 **Each time you press SLEEP the setting changes in the following order.**
SLEEP 90 →80 → 70 → 60→ 50 → 40 → 30 → 20 →10 → OFF

Note
You can check the time remaining before the DVD/CD receiver turns off.
Press SLEEP. The remaining time appears in the display window.

Dimmer

This function will change the brightness of the display window on the front panel during power-on status.

Press the DIMMER repeatedly.

Mute

Press MUTE to mute your unit.

You can mute your unit in order, for example, to answer the telephone, “MUTE” indicator flashes in the display window.

Using Headphone Jack

Connect a stereo headphone plug (∅3.5mm) into the **PHONES connector**.

The speakers are automatically disconnected when you plug in a headphone (not supplied).

Selecting input source

You can use VCRs or other units connected to the AV1, AV2 connectors, EURO SCART, Coaxial connector or Optical connector. Refer to the owner’s manual supplied with the unit for further information on the operation.

Press AUX repeatedly on the remote control to select the desired input source.
Each time you press this button, the mode of the function changes in the following sequence:

- **AV 1:** for selecting the analog signal from AV1 AUDIO IN (L/R) & VIDEO IN Connectors.
- **AV 1 OPT:** for selecting the optical digital signal from AV1 VIDEO IN & OPTICAL IN Connector.
- **AV 1 COAX:** for selecting the coaxial digital signal from AV1 VIDEO IN & COAXIAL IN Connector.
- **AV 2:** for selecting the analog signal from AV2 AUDIO IN (L/R) & VIDEO IN Connectors.
- **AV 2 OPT:** for selecting the optical digital signal from AV2 VIDEO IN & OPTICAL IN Connector.
- **AV 2 COAX:** for selecting the coaxial digital signal from AV2 VIDEO IN & COAXIAL IN Connector.
- **TV-AUDIO:** for selecting the TV audio signal from the TV that is connected by the SCART cable.

Notes
- There is only one set of OPTICAL and COAXIAL input connectors. They are common for AV1 and AV2.
- The Optical input function is available only when the other unit’s Sampling Frequency is 32 ~ 96kHz.
- You can also select the input source by pressing FUNC./PLAY button on the front panel.
  Press and hold down this button about 3 seconds, then press repeatedly to select input source.

Reception of RDS (Radio Data System) Stations

RDS (Radio Data System) is a system gradually being introduced on FM in many countries, where by an inaudible stream of data is transmitted in addition to the normal radio signal. This data contains various information including station/ transmitter identification, traffic information and a list of alternative frequencies for the radio station being received.

1 **Press FM/AM to select FM.**

2 **Select a desired station by pressing the PRESET + or - .**
When the RDS transmission is received, the display shows the program service name (PS) after RDS indicator appears.

3 **Press RDS to recall the frequency.**

Note
- RDS is only available for FM reception.
- The PS (PROGRAM SERVICE) NAME is displayed automatically when a RDS station is received.

Language Code List

Enter the appropriate code number for the initial settings “Disc Audio”, “Disc Subtitle” and/or “Disc Menu” (See page 17).

Code	Language	Code	Language	Code	Language	Code	Language
6566	Abkhazian	7074	Fiji	7678	Lingala	8373	Singhalese
6565	Afar	7073	Finnish	7684	Lithuanian	8375	Slovak
6570	Afrikaans	7082	French	7775	Macedonian	8376	Slovenian
8381	Albanian	7089	Frisian	7771	Malagasy	8379	Somali
6577	Ameharic	7176	Galician	7783	Malay	6983	Spanish
6582	Arabic	7565	Georgian	7776	Malayalam	8385	Sudanese
7289	Armenian	6869	German	7784	Maltese	8387	Swahili
6583	Assamese	6976	Greek	7773	Maori	8386	Swedish
6588	Aymara	7576	Greenlandic	7782	Marathi	8476	Tagalog
6590	Azerbaijani	7178	Guarani	7779	Moldavian	8471	Tajik
6665	Bashkir	7185	Gujarati	7778	Mongolian	8465	Tamil
6985	Basque	7265	Hausa	7865	Nauru	8484	Tatar
6678	Bengali; Bangla	7387	Hebrew	7869	Nepali	8469	Telugu
6890	Bhutani	7273	Hindi	7879	Norwegian	8472	Thai
6672	Bihari	7285	Hungarian	7982	Oriya	6679	Tibetan
6682	Breton	7383	Icelandic	8065	Panjabi	8473	Tigrinya
6671	Bulgarian	7378	Indonesian	8083	Pashto, Pushto	8479	Tonga
7789	Burmese	7365	Interlingua	7065	Persian	8482	Turkish
6669	Byelorussian	7165	Irish	8076	Polish	8475	Turkmen
7577	Cambodian	7384	Italian	8084	Portuguese	8487	Twi
6765	Catalan	7465	Japanese	8185	Quechua	8575	Ukrainian
9072	Chinese	7487	Javanese	8277	Rhaeto-Romance	8582	Urdu
6779	Corsican	7578	Kannada	8279	Rumanian	8590	Uzbek
7282	Croatian	7583	Kashmiri	8285	Russian	8673	Vietnamese
6783	Czech	7575	Kazakh	8377	Samoan	8679	Volapük
6865	Danish	7589	Kirghiz	8365	Sanskrit	6789	Welsh
7876	Dutch	7579	Korean	7168	Scots Gaelic	8779	Wolof
6978	English	7585	Kurdish	8382	Serbian	8872	Xhosa
6979	Esperanto	7679	Laothian	8372	Serbo-Croatian	7473	Yiddish
6984	Estonian	7665	Latin	8378	Shona	8979	Yoruba
7079	Faroese	7686	Latvian, Lettish	8368	Sindhi	9085	Zulu

Area Code List

Enter the appropriate code number for the initial setting “Area Code” (See page 19).

Code	Area
AD	Andorra
AE	United Arab Emirates
AF	Afghanistan
AG	Antigua and Barbuda
AI	Anguilla
AL	Albania
AM	Armenia
AN	Netherlands Antilles
AO	Angola
AQ	Antarctica
AR	Argentina
AS	American Samoa
AT	Austria
AU	Australia
AW	Aruba
AZ	Azerbaidjan
BA	Bosnia-Herzegovina
BB	Barbados
BD	Bangladesh
BE	Belgium
BF	Burkina Faso
BG	Bulgaria
BH	Bahrain
BI	Burundi
BJ	Benin
BM	Bermuda
BN	Brunei Darussalam
BO	Bolivia
BR	Brazil
BS	Bahamas
BT	Bhutan
BV	Bouvet Island
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CC	Cocos (Keeling) Islands
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	Ivory Coast
CK	Cook Islands
CL	Chile
CM	Cameroon
CN	China
CO	Colombia
CR	Costa Rica
CS	Former Czechoslovakia
CU	Cuba
CV	Cape Verde
CX	Christmas Island
CY	Cyprus
CZ	Czech Republic
DE	Germany
DJ	Djibouti
DK	Denmark
DM	Dominica
DO	Dominican Republic
DZ	Algeria
EC	Ecuador
EE	Estonia
EG	Egypt
EH	Western Sahara
ER	Eritrea
ES	Spain
ET	Ethiopia
FI	Finland
FJ	Fiji
FK	Falkland Islands
FM	Micronesia
FO	Faroe Islands
FR	France
FX	France (European Territory)
GA	Gabon
GB	Great Britain
GD	Grenada
GE	Georgia
GF	French Guyana
GH	Ghana
GI	Gibraltar
GL	Greenland
GM	Gambia
GN	Guinea
GP	Guadeloupe (French)
GQ	Equatorial Guinea
GR	Greece
GS	S. Georgia & S. Sandwich Isls.
GT	Guatemala
GU	Guam (USA)
GW	Guinea Bissau
GY	Guyana
HK	Hong Kong
HM	Heard and McDonald Islands
HN	Honduras
HR	Croatia
HT	Haiti
HU	Hungary
ID	Indonesia
IE	Ireland
IL	Israel
IN	India
IO	British Indian Ocean Territory
IQ	Iraq
IR	Iran
IS	Iceland
IT	Italy
JM	Jamaica
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KH	Cambodia6
KI	Kiribati
KM	Comoros
KN	Saint Kitts & Nevis Anguilla
KP	North Korea
KR	South Korea
KW	Kuwait
KY	Cayman Islands
KZ	Kazakhstan
LA	Laos
LB	Lebanon
LC	Saint Lucia
LI	Liechtenstein
LK	Sri Lanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libya
MA	Morocco
MC	Monaco
MD	Moldavia
MG	Madagascar
MH	Marshall Islands
MK	Macedonia
ML	Mali
MM	Myanmar
MN	Mongolia
MO	Macau
MP	Northern Mariana Islands
MQ	Martinique (French)
MR	Mauritania
MS	Montserrat
MT	Malta
MU	Mauritius
MV	Maldives
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NC	New Caledonia (French)
NE	Niger
NF	Norfolk Island
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NP	Nepal
NR	Nauru
NU	Niue
NZ	New Zealand
OM	Oman
PA	Panama
PE	Peru
PF	Polynesia (French)
PG	Papua New Guinea
PH	Philippines
PK	Pakistan
PL	Poland
PM	Saint Pierre and Miquelon
PN	Pitcairn Island
PR	Puerto Rico
PT	Portugal
PW	Palau
PY	Paraguay
QA	Qatar
RE	Reunion (French)
RO	Romania
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia
SB	Solomon Islands
SC	Seychelles
SD	Sudan
SE	Sweden
SG	Singapore
SH	Saint Helena
SI	Slovenia
SJ	Svalbard and Jan Mayen Islands
SK	Slovak Republic
SL	Sierra Leone
SM	San Marino
SN	Senegal
SO	Somalia
SR	Suriname
ST	Saint Tome and Principe
SU	Former USSR
SV	El Salvador
SY	Syria
SZ	Swaziland
TC	Turks and Caicos Islands
TD	Chad
TF	French Southern Territories
TG	Togo
TH	Thailand
TJ	Tadjikistan
TK	Tokelau
TM	Turkmenistan
TN	Tunisia
TO	Tonga
TP	East Timor
TR	Turkey
TT	Trinidad and Tobago
TV	Tuvalu
TW	Taiwan
TZ	Tanzania
UA	Ukraine
UG	Uganda
UK	United Kingdom
UM	USA Minor Outlying Islands
US	United States
UY	Uruguay
UZ	Uzbekistan
VA	Vatican City State
VC	Saint Vincent & Grenadines
VE	Venezuela
VG	Virgin Islands (British)
VI	Virgin Islands (USA)
VN	Vietnam
VU	Vanuatu
WF	Wallis and Futuna Islands
WS	Samoa
YE	Yemen
YT	Mayotte
YU	Yugoslavia
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe

Troubleshooting

Check the following guide for the possible cause of a problem before contacting service.

Symptom	Cause	Correction
No power.	• The power cord is disconnected.	• Plug the power cord securely into the wall outlet.
The power is on, but the DVD/CD Receiver does not work.	• No disc is inserted.	• Insert a disc.
No picture.	• The TV is not set to receive DVD signal output.	• Select the appropriate video input mode on the TV so the picture from the DVD/CD Receiver appears on the TV screen.
	• The video cable is not connected securely.	• Connect the video cable into the jacks securely.
	• The connected TV power is turned off.	• Turn on the TV.
	• The VIDEO OUTPUT SELECTOR is not set correctly (see page 9).	• Make sure the VIDEO OUTPUT SELECTOR is set according to the connections (see page 10).
Scrolling or/and abnormal colour picture.	• Wrong system selection.	• Select the correct system according to the system of your TV (see page 27).
There is no sound or only a very low-level sound is heard.	• The equipment connected with the audio cable is not set to receive DVD signal output.	• Select the correct input mode of the audio receiver so you can hear the sound from the DVD/CD Receiver.
	• The audio cables are not connected securely.	• Connect the audio cable into the jacks securely.
	• The power of the equipment connected with the audio cable is turned off. • The audio connecting cable is damaged.	• Turn on the equipment connected with the audio cable. • Replace it with new one.
The playback picture is poor.	• The disc is dirty.	• Clean the disc.
The DVD/CD Receiver does not start playback.	• No disc is inserted.	• Insert a disc.
	• An unplayable disc is inserted.	• Insert a playable disc. (Check the disc type, colour system and Regional code.)
	• The disc is placed upside down.	• Place the disc with the playback side down.
	• The disc is not placed within the guide.	• Place the disc on the disc tray correctly inside the guide.
	• The disc is dirty.	• Clean the disc.
	• A menu is on the TV screen.	• Press the SET UP button to turn off the menu screen.
	• The Rating level is set.	• Cancel the Rating function or change the rating level.
Loud hum or noise is heard.	• The disc is dirty.	• Clean the disc.
	• The speakers and components are connected poorly.	• Connect the speakers and components securely.
	• The DVD/CD Receiver is located too close to the TV.	• Move your TV away from the audio components.

Troubleshooting (Continued)

Symptom	Cause	Correction
Radio stations cannot be tuned in.	• The antenna is positioned or connected poorly.	• Connect the antenna securely.
		• Adjust the antennas and connect an external antenna if necessary.
	• The signal strength of the stations is too weak (when tuning in with automatic tuning).	• Tune in the station manually.
	• No stations have been preset or preset stations have been cleared (when tuning by scanning preset stations).	• Preset the stations (page 28).
The remote control does not work properly.	• The remote control is not pointed at the remote sensor of the DVD/CD Receiver.	• Point the remote control at the remote sensor of the DVD/CD Receiver.
	• The remote control is too far from the DVD/CD Receiver.	• Use the remote control within about 23 ft (7 m).
	• There is an obstacle in the path of the remote control and the DVD/CD Receiver.	• Remove the obstacle.
	• The batteries in the remote control are flat.	• Replace the batteries with new ones.
The sound mode cannot be changed.	• The sound mode cannot be changed while playing a MP3 or WMA disc.	• Sound mode not supported for MP3/WMA format.
	• The sound mode cannot be changed when in DTS or 5.1CH audio format.	• Select 2CH (PCM) audio format to have pre-programmed sound field (see page 15).
The front panel display is too dim.	• Nothing is displayed on the front panel display.	• Press DIMMER on the remote control.

Specification

General	Power supply	AC 100~240V, 50/60 Hz		
	Power consumption	70W		
	Mass	4.6 kg		
	External dimensions (W x H x D)	430 x 55 x 350 mm		
	Operating conditions	Temperature: 5°C to 35°C, Operation status: Horizontal		
	Operating humidity	5% to 85%		
CD/DVD	Laser	Semiconductor laser, wavelength 650 nm		
	Signal system	PAL 625/50, NTSC 525/60		
	Frequency response (audio)	150 Hz to 18 kHz		
	Signal-to-noise ratio (audio)	More than 70 dB (1 kHz, NOP, 20 kHz LPF/A-Filter)		
	Dynamic range (audio)	More than 70 dB		
	Harmonic distortion (audio)	0.5 % (1 kHz, at 12W position) (20 kHz LPF/A-Filter)		
Video	Video input	1.0 V (p-p), 75 Ω, negative sync., RCA jack x 2/ SCART (TO TV)		
	Video output	1.0 V (p-p), 75 Ω, negative sync., RCA jack x 1/ SCART (TO TV)		
	S-video output	(Y) 1.0 V (p-p), 75 Ω, negative sync., Mini DIN 4-pin x 1 (C) 0.3 V (p-p), 75 Ω		
	Component Video output	(Y) 1.0 V (p-p), 75 ohms, negative sync, RCA jack x 1 (Pb)/(Pr) 0.7 V (p-p), 75 ohms, RCA jack x 2		
Tuner FM	Tuning Range	87.5 - 108.0 MHz or 65.0 - 74.0 MHz, 87.5 - 108.0 MHz		
	Intermediate Frequency	10.7 MHz		
	Signal-to Noise Ratio	60 dB (Mono)		
	Frequency Response	150 - 8,000 Hz		
Tuner AM [MW]	Tuning Range	522 - 1,611 kHz or 530 - 1,610 kHz		
	Intermediate Frequency	450 kHz		
Amplifier	Stereo mode	60W + 60W (8Ω at 1 kHz, THD 10 %)		
	Surround mode **(* Depending on the sound mode settings and the source, there may be no sound output.)**	Front: 60W + 60W (THD 10 %) Centre*: 60W Surround*: 60W + 60W (8Ω at 1 kHz, THD 10 %) Subwoofer*: 120W (4Ω at 30 Hz, THD 10 %)		
	Inputs	VIDEO 1, VIDEO 2, COAXIAL AUDIO, OPTICAL AUDIO		
	Outputs	PHONES: (32 Ω, 1.0 V)		
Speakers		Satellite Speaker	Centre speaker	Passive Subwoofer
	Type	2 Way 2 Speaker	2 Way 2 Speaker	1 Way 1 Speaker
	Impedance	8 Ω	8 Ω	4 Ω
	Frequency Response	110 - 40,000 Hz	110 - 40,000 Hz	40 - 1,500 Hz
	Sound Pressure Level	85 dB/W (1m)	85 dB/W (1m)	83 dB/W (1m)
	Rated Input Power	60 W	60 W	120 W
	Max. Input Power	120 W	120 W	240 W
	Net Dimensions (W x H x D)	120 x 170 x 102 mm	120 x 252 x 107 mm	200 x 400 x 381 mm
	Net Weight	0.94kg	1.07kg	7.0kg
Supplied Accessories	• Speakers .....6 • AM loop antenna .....1 • Remote control .....1 • Video cable 1		• Speaker cables .....6 • FM antenna .....1 • Batteries (AAA) 2	

⁕ Designs and specifications are subject to change without notice.

⁕ Exemptions

- Toshiba is not liable for any damage caused by fires, natural disaster (such as thunder, earthquake, etc.). acts by third parties, accidents, owner's misuse, or uses in other improper conditions.
- Toshiba is not liable for incidental damages (such as profit loss or interruption in business, modification or erasure of record data, etc.) caused by use or inability to use of product.
- Toshiba is not liable for any damage caused by neglect of the instructions described in the owner's manual.
- Toshiba is not liable for any damage caused by misuse or malfunction through simultaneous use of this product and the connected equipment.

TOSHIBA

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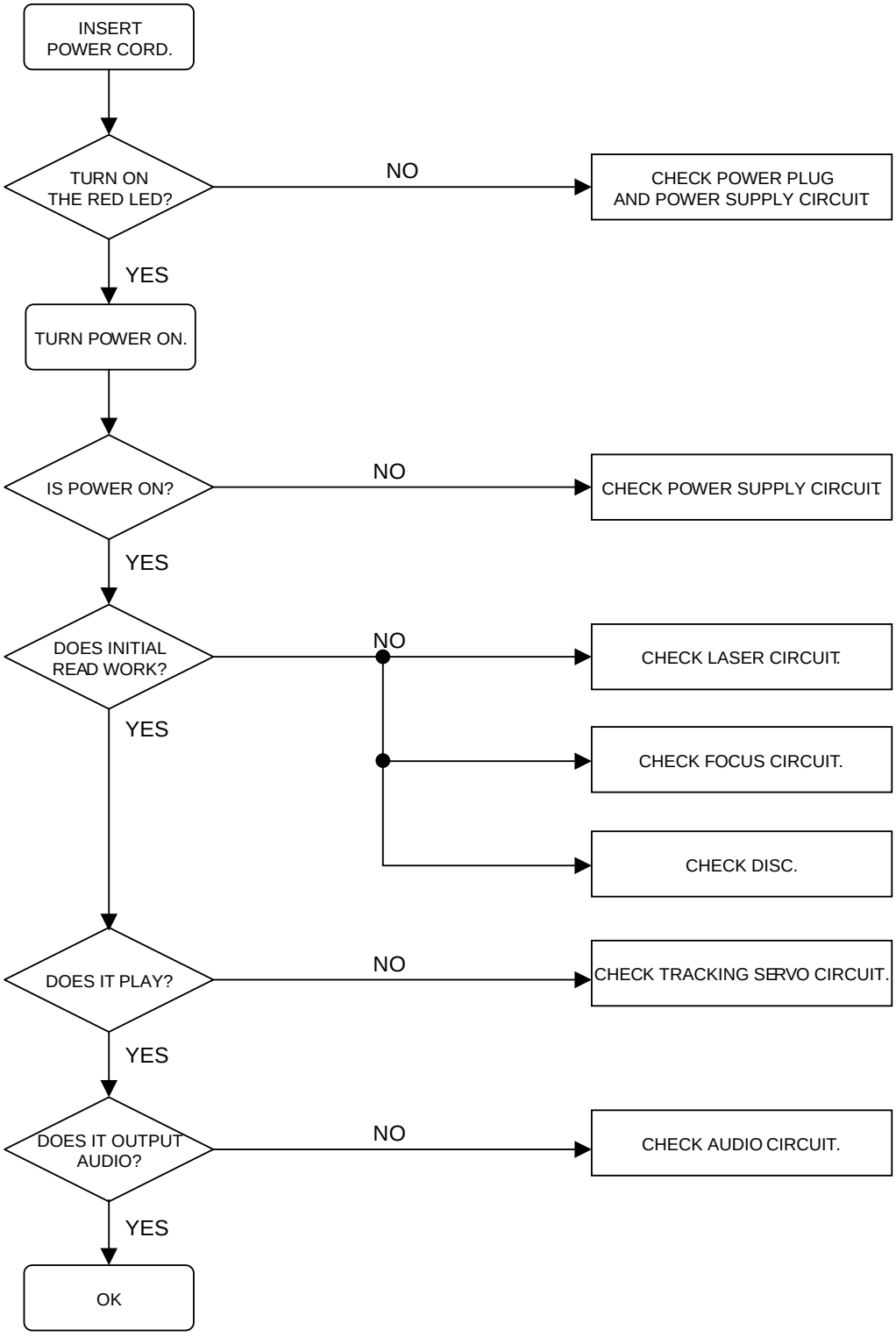
MEMO

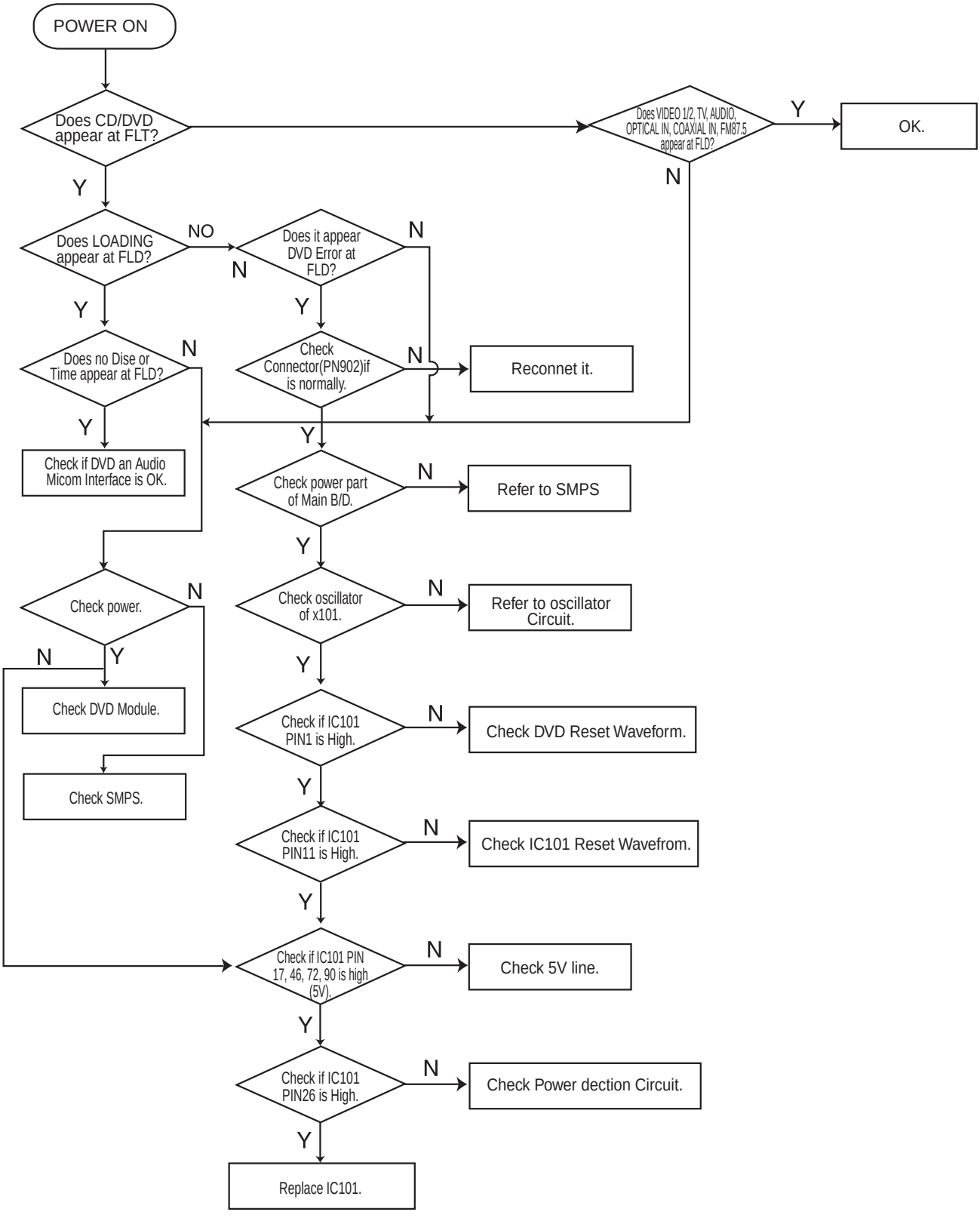
SECTION 2. AUDIO PART

❑ ELECTRICAL TROUBLESHOOTING GUIDE

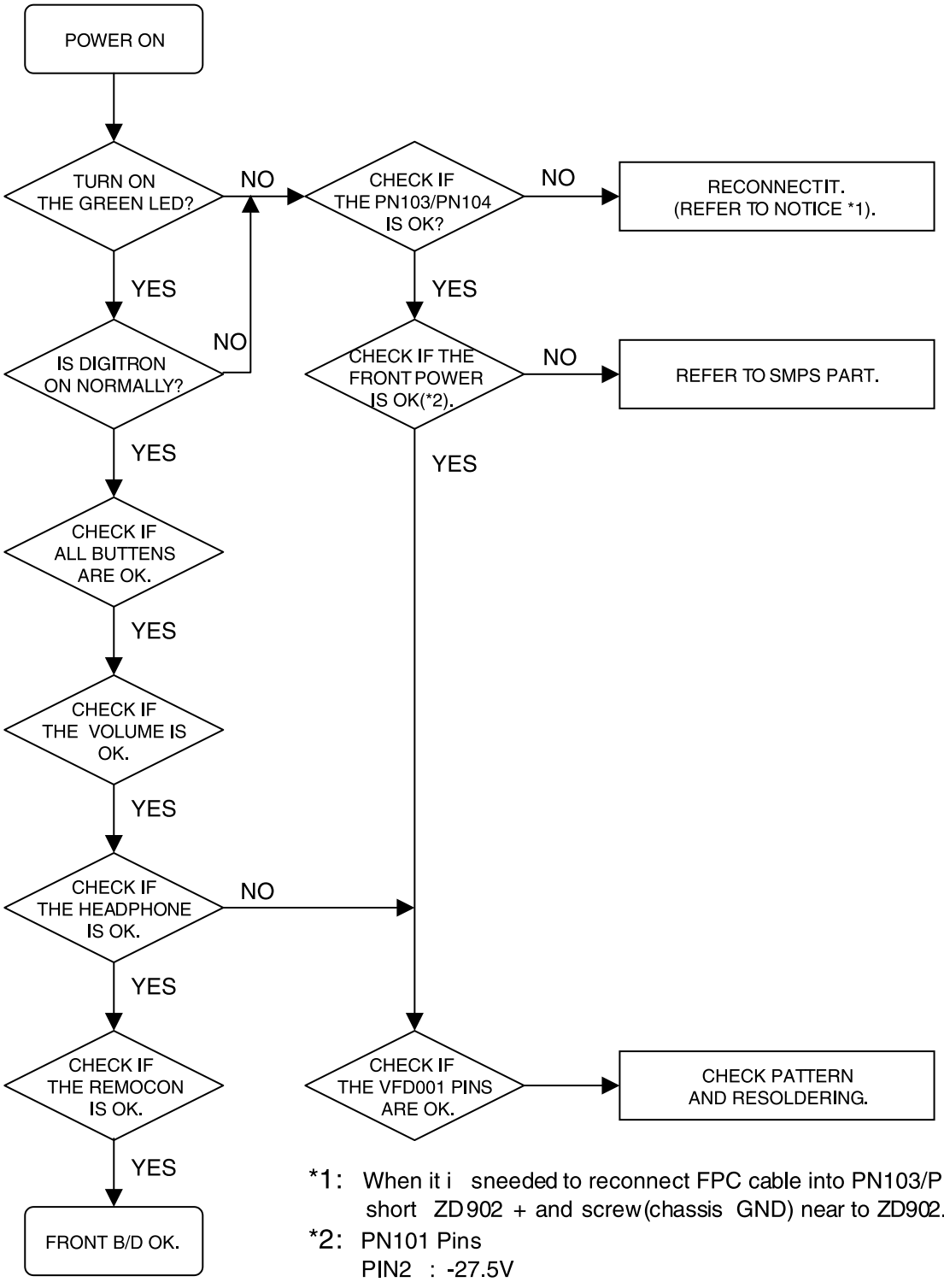
1. Power check flow



2. AUDIO μ.COM CIRCUIT



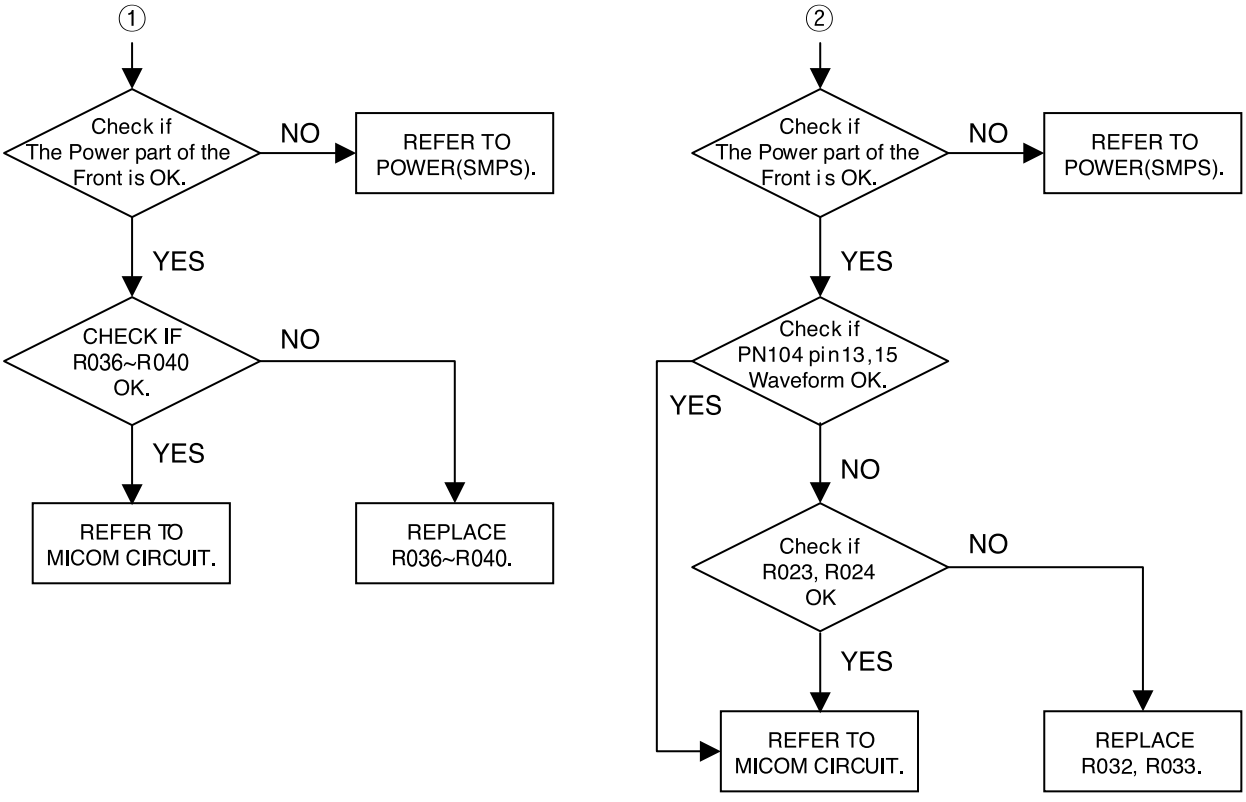
3. FRONT CIRCUIT (1/2)

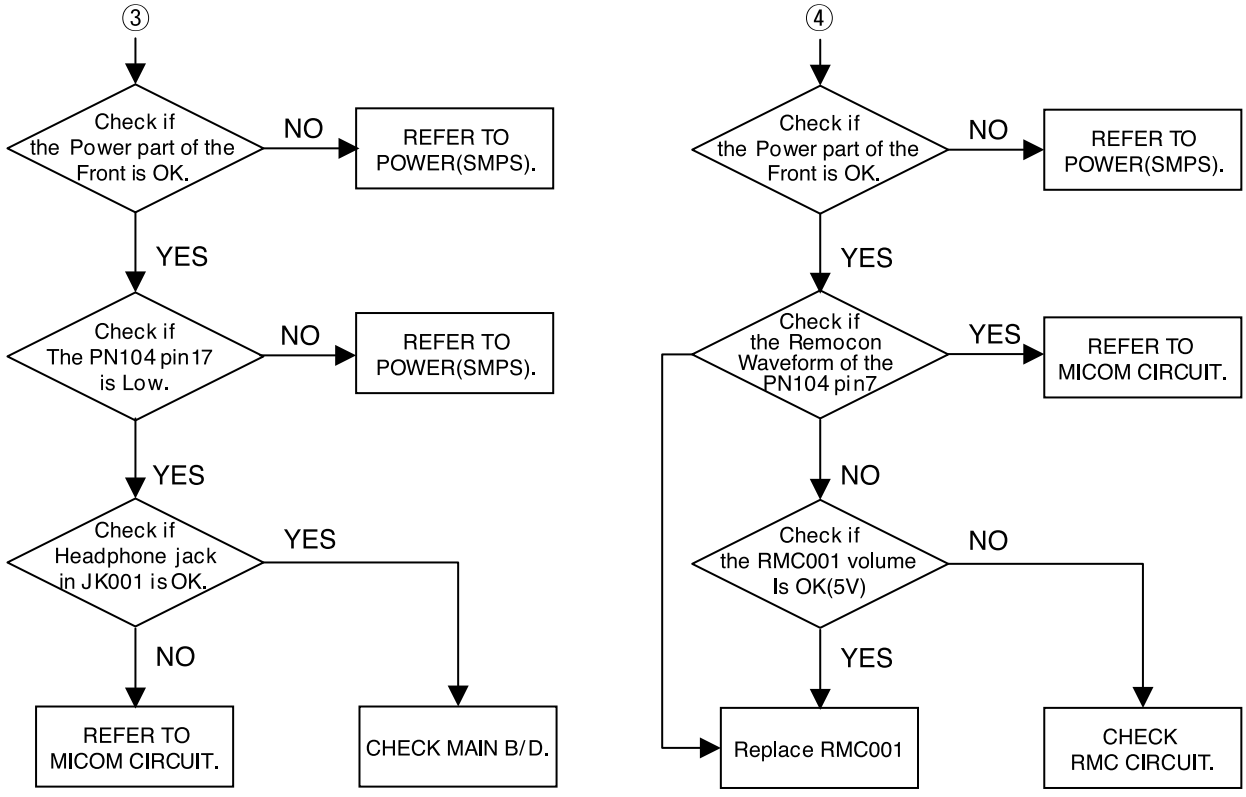


*1: When it i sneeded to reconnect FPC cable into PN103/PN104, short ZD902 + and screw(chassis GND) near to ZD902.

*2: PN101 Pins
PIN2 : -27.5V
PIN3 : -23.0V
PIN4 : 5.0V
PIN11 : -34.0V

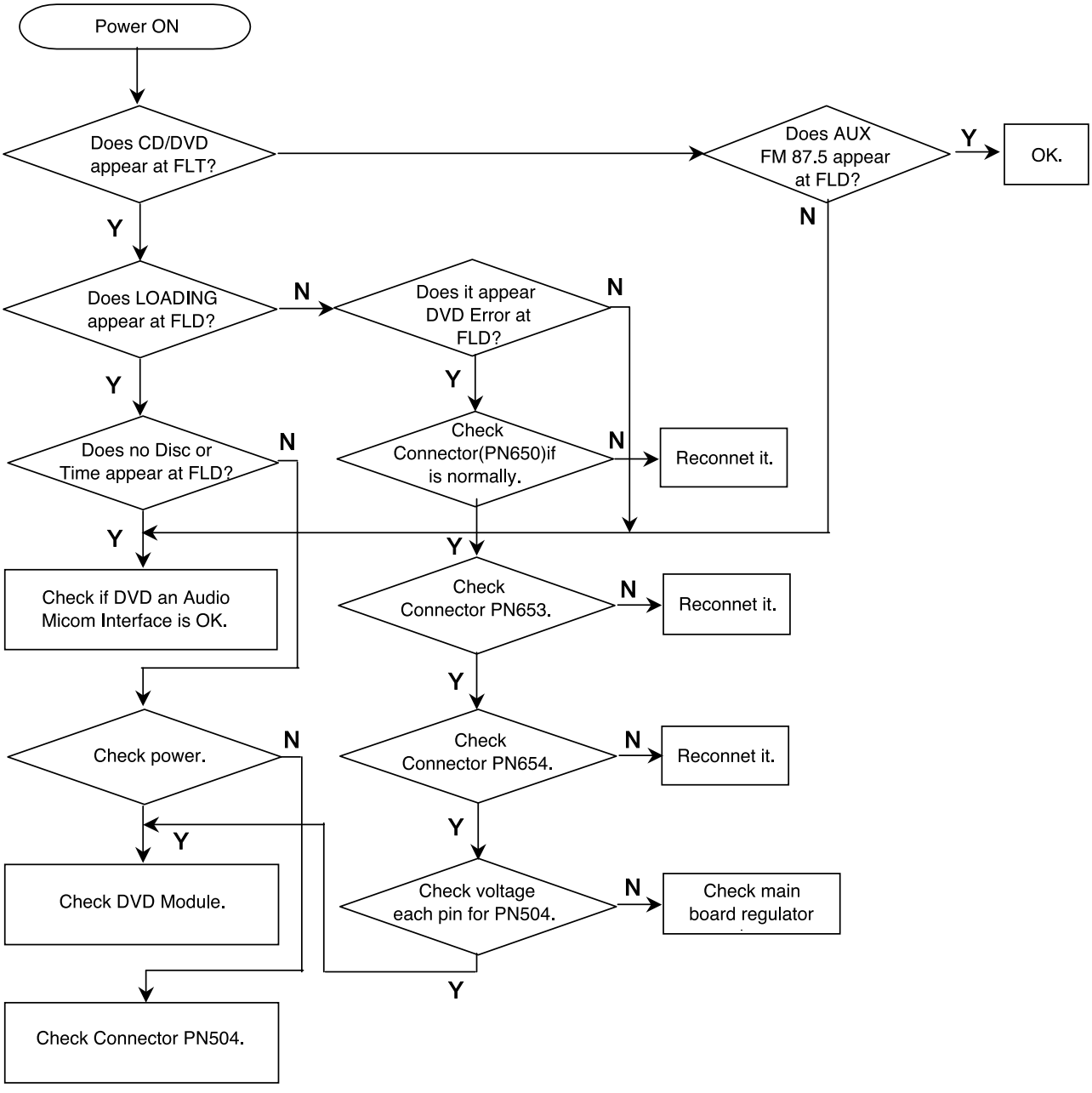
4. FRONT CIRCUIT (2/2)



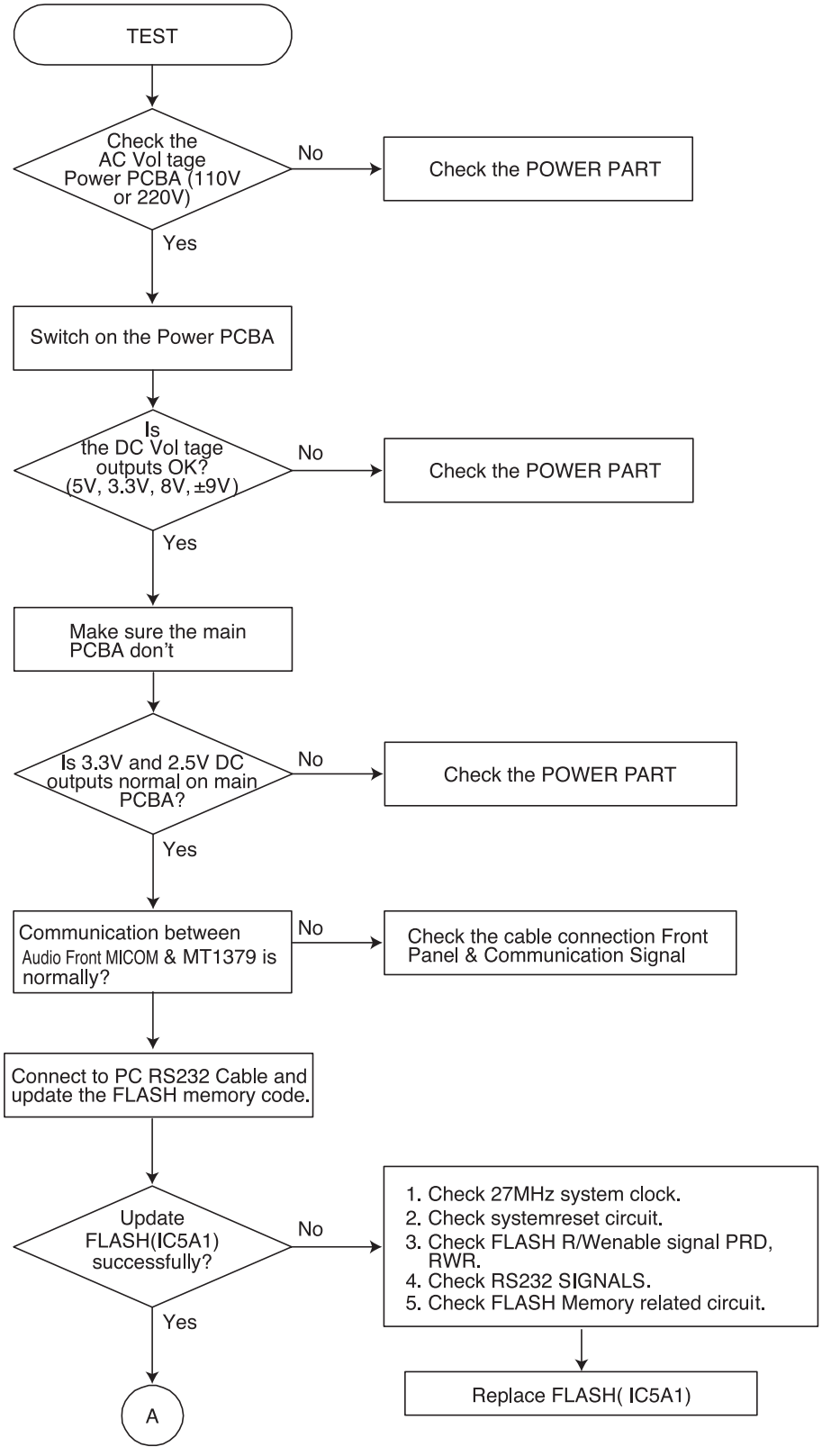


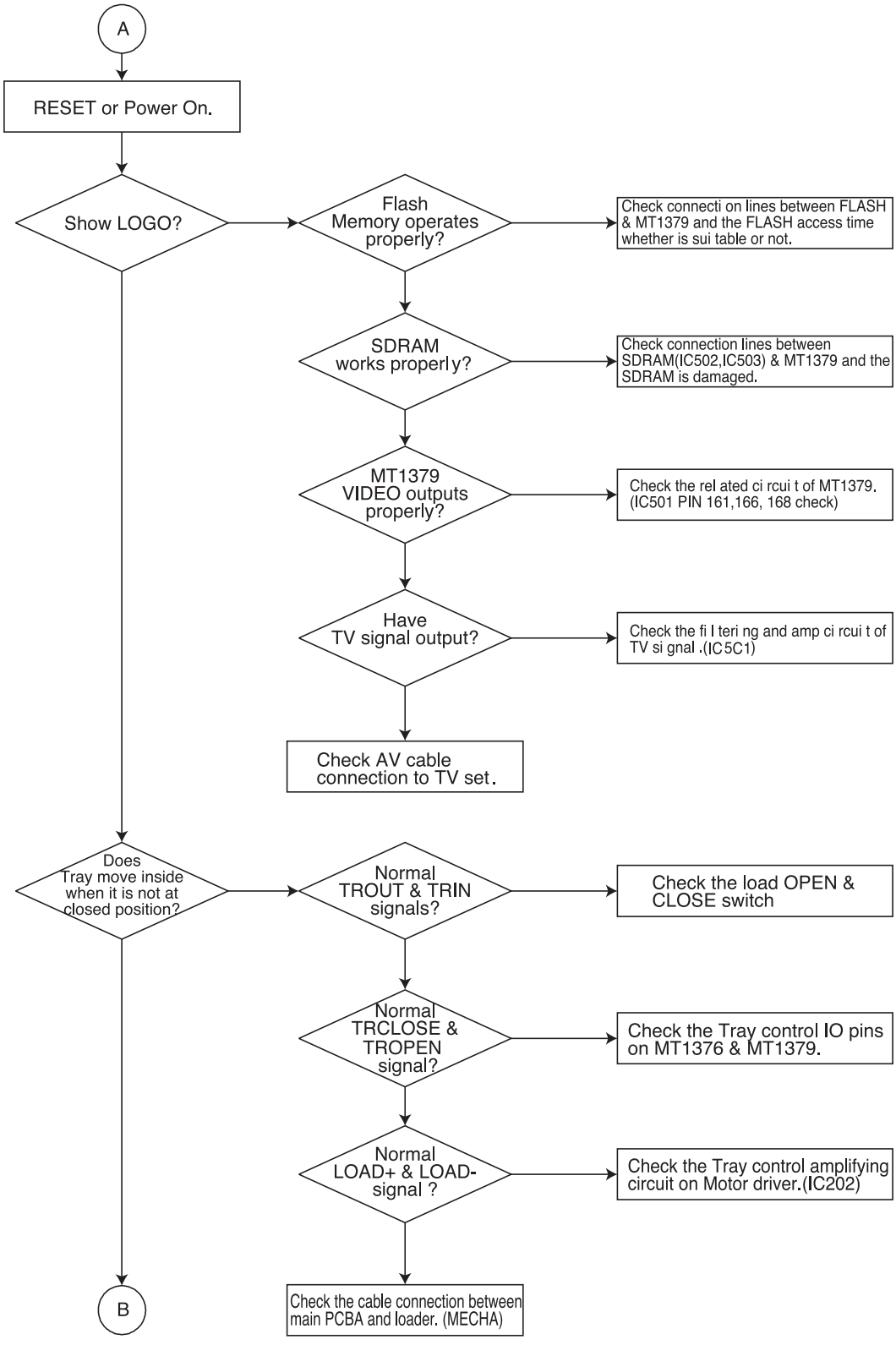
SECTION 3. DVD PART ELECTRICAL TROUBLESHOOTING GUIDE

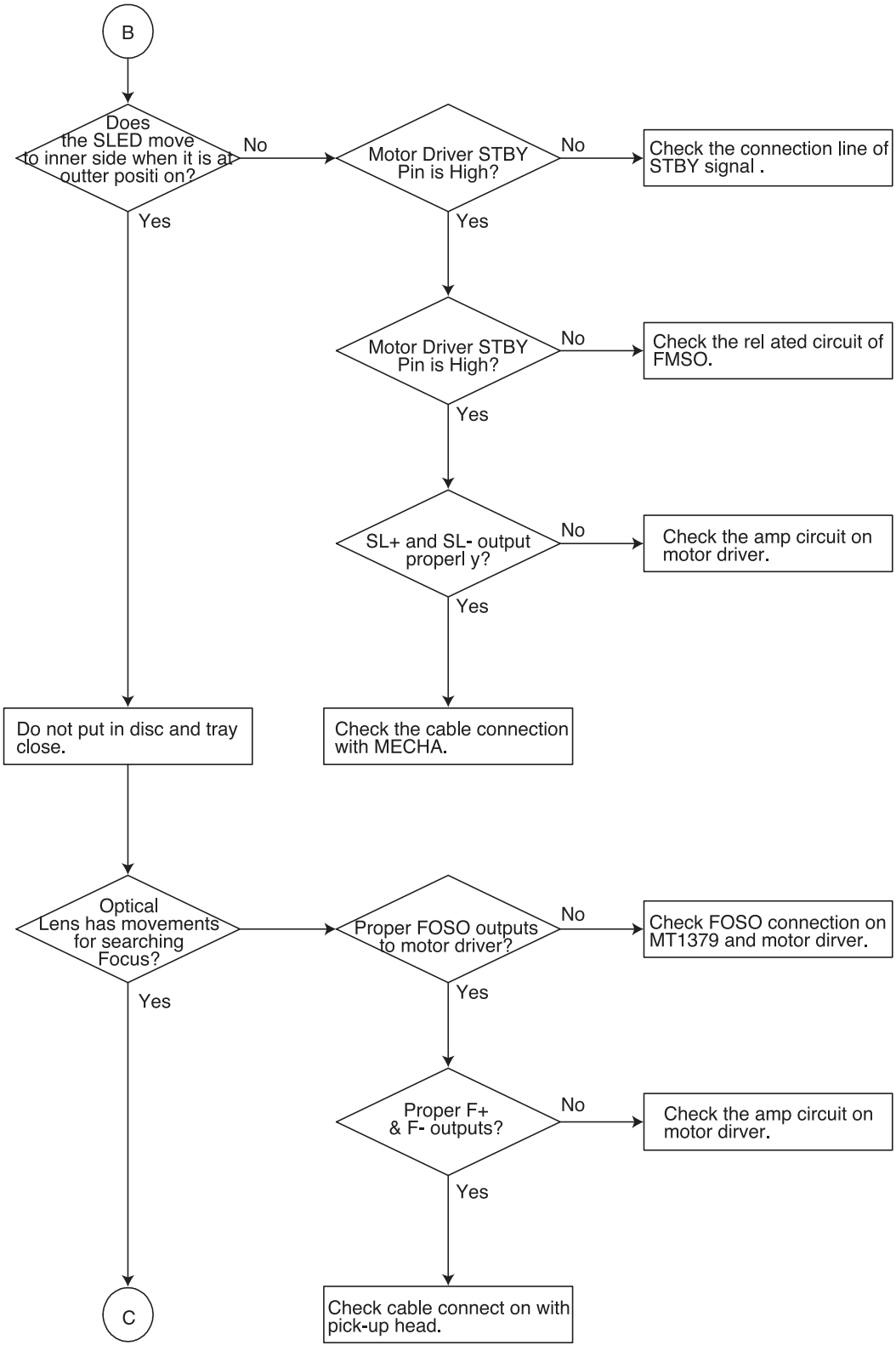
1. Power check flow

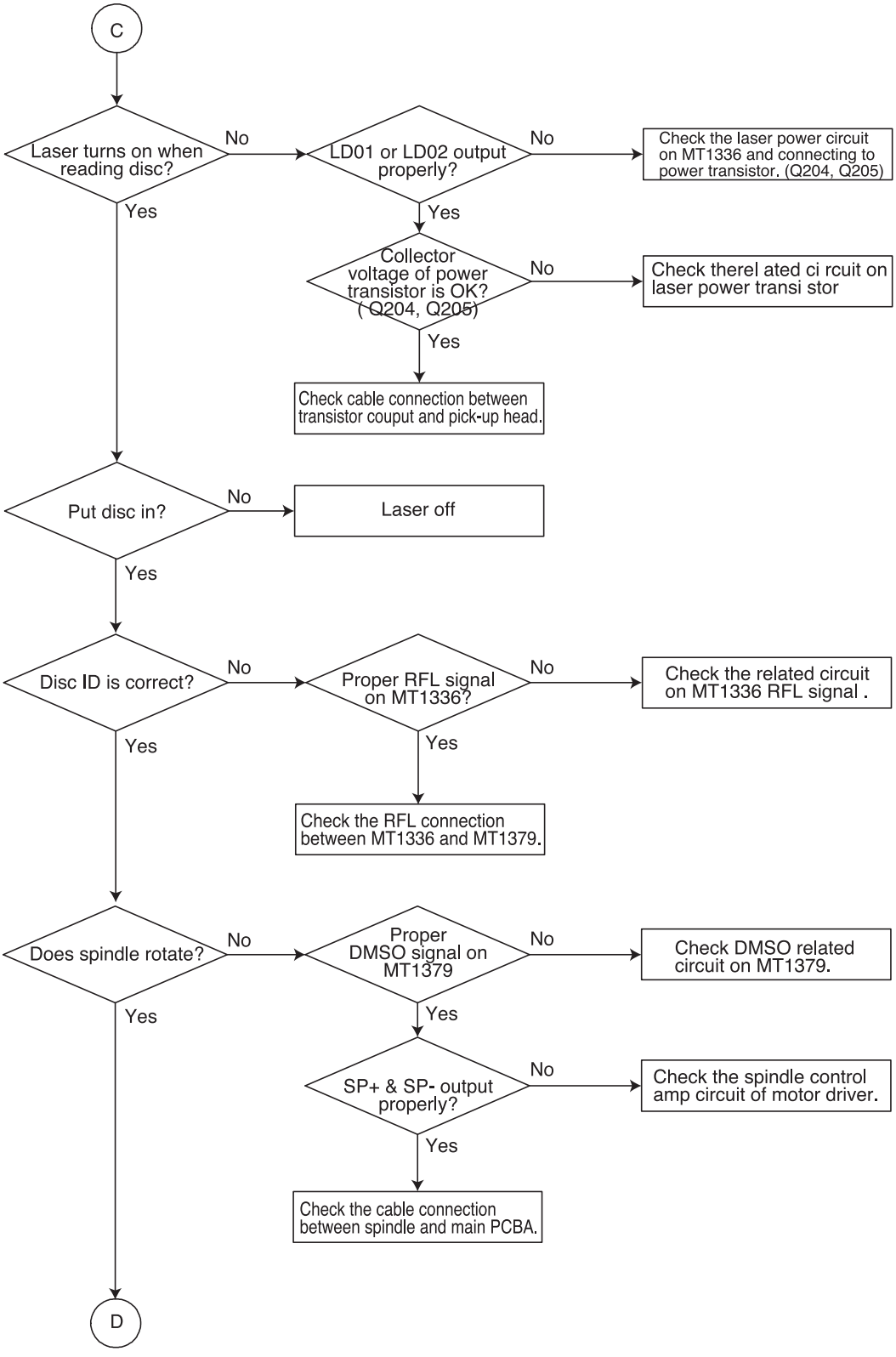


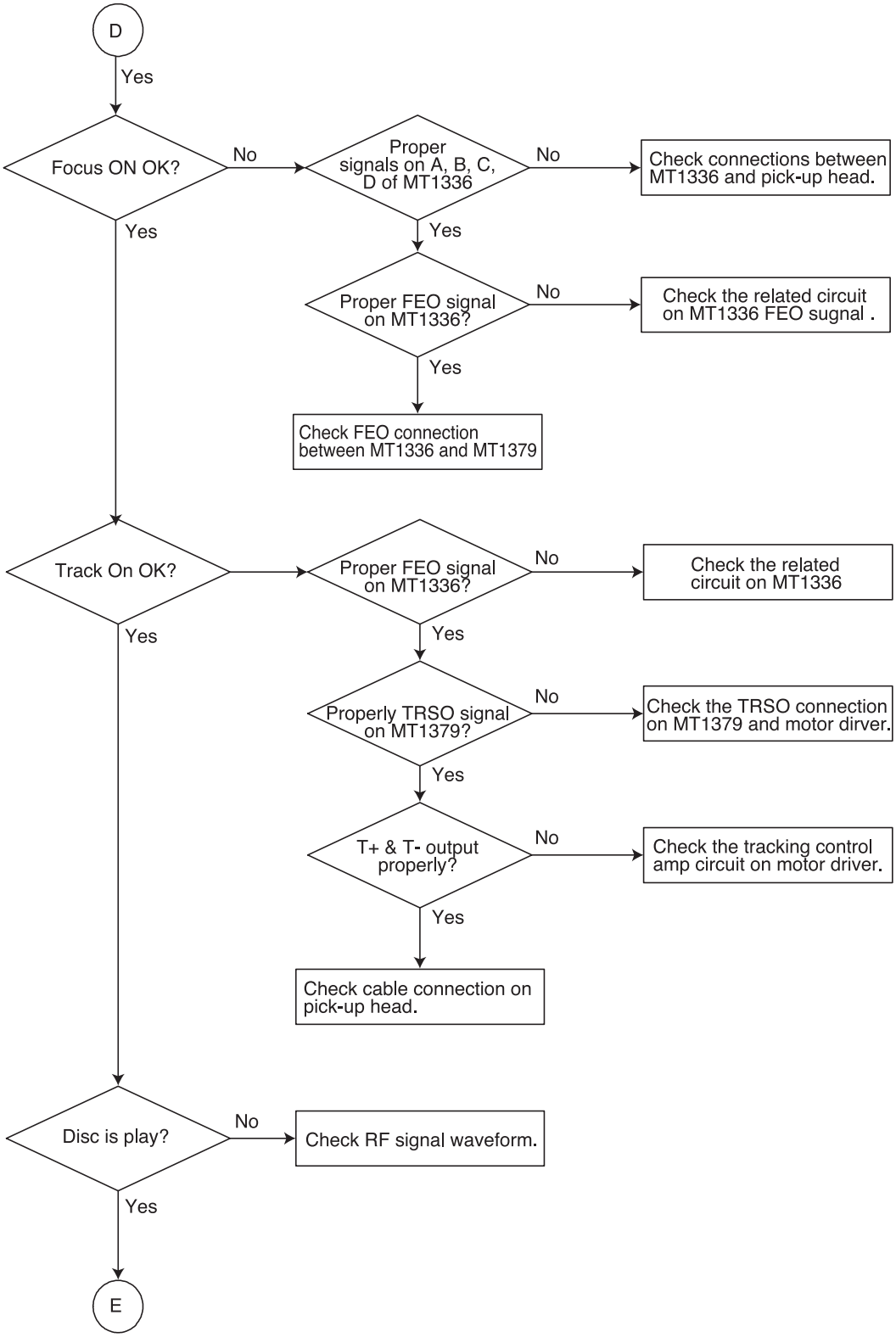
2. Test & debug flow

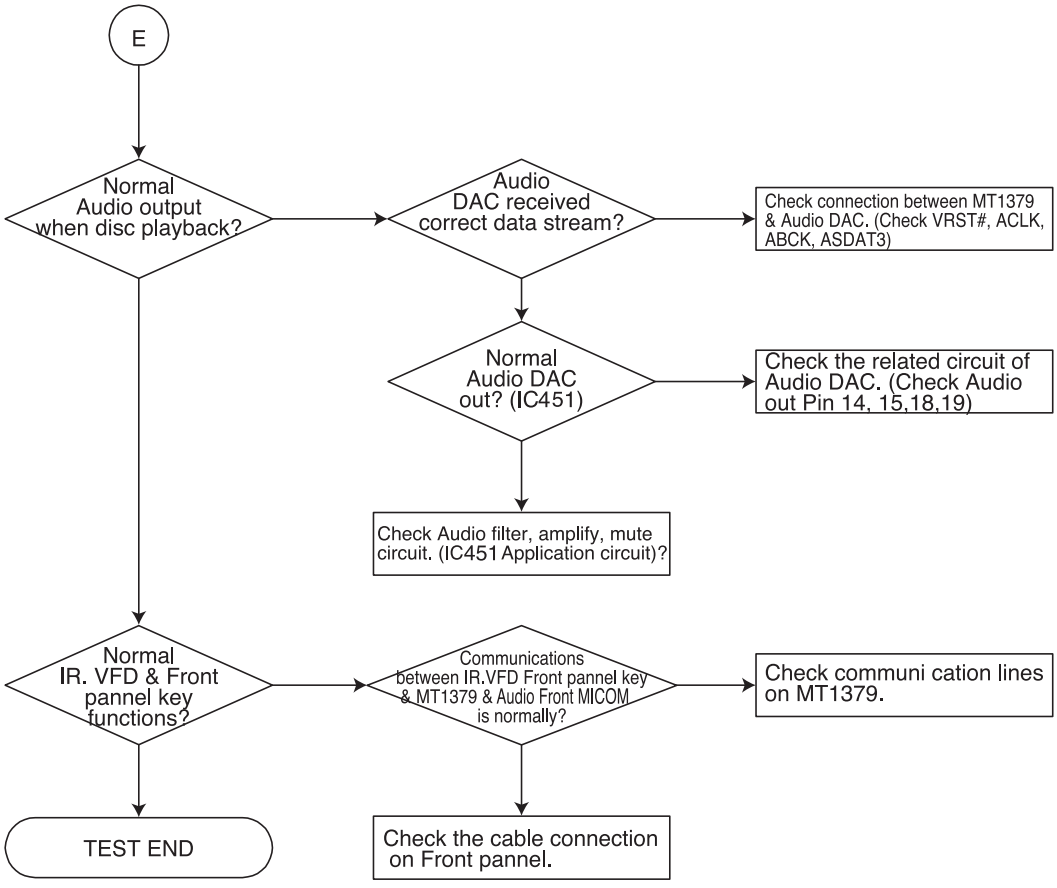

TEST
Check the AC Vol tage Power PCBA (110V or 220V)
No
Check the POWER PART
Yes
Switch on the Power PCBA
Is the DC Vol tage outputs OK? (5V, 3.3V, 8V, ±9V)
No
Check the POWER PART
Yes
Make sure the main PCBA don't
Is 3.3V and 2.5V DC outputs normal on main PCBA?
No
Check the POWER PART
Yes
Communication between Audio Front MICOM & MT1379 is normally?
No
Check the cable connection Front Panel & Communication Signal
Connect to PC RS232 Cable and update the FLASH memory code.
Update FLASH(IC5A1) successfully?
No
1. Check 27MHz system clock.
2. Check systemreset circuit.
3. Check FLASH R/Wenable signal PRD, RWR.
4. Check RS232 SIGNALS.
5. Check FLASH Memory related circuit.
Replace FLASH(IC5A1)
Yes
A


A
RESET or Power On.
Show LOGO?
Flash Memory operates properly?
Check connecti on lines between FLASH & MT1379 and the FLASH access time whether is sui table or not.
SDRAM works properl y?
Check connection lines between SDRAM(IC502,IC503) & MT1379 and the SDRAM is damaged.
MT1379 VIDEO outputs properly?
Check the rel ated ci rcui t of MT1379. (IC501 PIN 161,166, 168 check)
Have TV signal output?
Check the fi l teri ng and amp ci rcui t of TV si gnal .(IC5C1)
Check AV cable connection to TV set.
Does Tray move inside when it is not at closed position?
Normal TROUT & TRIN signals?
Check the load OPEN & CLOSE switch
Normal TRCLOSE & TROPEN signal?
Check the Tray control IO pins on MT1376 & MT1379.
Normal LOAD+ & LOAD- signal ?
Check the Tray control amplifying circuit on Motor driver.(IC202)
Check the cable connection between main PCBA and loader. (MECHA)
B


B
Does the SLED move to inner side when it is at outter positi on?
No
Yes
Motor Driver STBY Pin is High?
No
Check the connection line of STBY signal .
Yes
Motor Driver STBY Pin is High?
No
Check the rel ated circuit of FMSO.
Yes
SL+ and SL- output properl y?
No
Check the amp circuit on motor driver.
Yes
Do not put in disc and tray close.
Check the cable connection with MECHA.
Optical Lens has movements for searching Focus?
Proper FOSO outputs to motor driver?
No
Check FOSO connection on MT1379 and motor dirver.
Yes
Proper F+ & F- outputs?
No
Check the amp circuit on motor dirver.
Yes
C
Check cable connect on with pick-up head.


C
Laser turns on when reading disc?
No
LD01 or LD02 output properly?
No
Check the laser power circuit on MT1336 and connecting to power transistor. (Q204, Q205)
Yes
Yes
Collector voltage of power transistor is OK? (Q204, Q205)
No
Check therel ated ci rcuit on laser power transi stor
Yes
Check cable connection between transistor couput and pick-up head.
Put disc in?
No
Laser off
Yes
Disc ID is correct?
No
Proper RFL signal on MT1336?
No
Check the related circuit on MT1336 RFL signal .
Yes
Yes
Check the RFL connection between MT1336 and MT1379.
Does spindle rotate?
No
Proper DMSO signal on MT1379
No
Check DMSO related circuit on MT1379.
Yes
Yes
SP+ & SP- output properly?
No
Check the spindle control amp circuit of motor driver.
Yes
Check the cable connection between spindle and main PCBA.
D


D
Yes
Focus ON OK?
No
Proper signals on A, B, C, D of MT1336
No
Check connections between MT1336 and pick-up head.
Yes
Yes
Proper FEO signal on MT1336?
No
Check the related circuit on MT1336 FEO sugnal .
Yes
Check FEO connection between MT1336 and MT1379
Track On OK?
Proper FEO signal on MT1336?
No
Check the related circuit on MT1336
Yes
Yes
Properly TRSO signal on MT1379?
No
Check the TRSO connection on MT1379 and motor dirver.
Yes
T+ & T- output properly?
No
Check the tracking control amp circuit on motor driver.
Yes
Check cable connection on pick-up head.
Disc is play?
No
Check RF signal waveform.
Yes
E


E
Normal Audio output when disc playback?
Audio DAC received correct data stream?
Check connection between MT1379 & Audio DAC. (Check VRST#, ACLK, ABCK, ASDAT3)
Normal Audio DAC out? (IC451)
Check the related circuit of Audio DAC. (Check Audio out Pin 14, 15,18,19)
Check Audio filter, amplify, mute circuit. (IC451 Application circuit)?
Normal IR. VFD & Front pannel key functions?
Communications between IR.VFD Front pannel key & MT1379 & Audio Front MICOM is normally?
Check communi cation lines on MT1379.
TEST END
Check the cable connection on Front pannel.

❑ DETAILS AND WAVEFORMS ON SYSTEM TEST AND DEBUGGING

1. SYSTEM 27MHz CLOCK,RESET,FLASH R/W SIGNAL

1) MT1379 main clock is at 27MHz(X501)

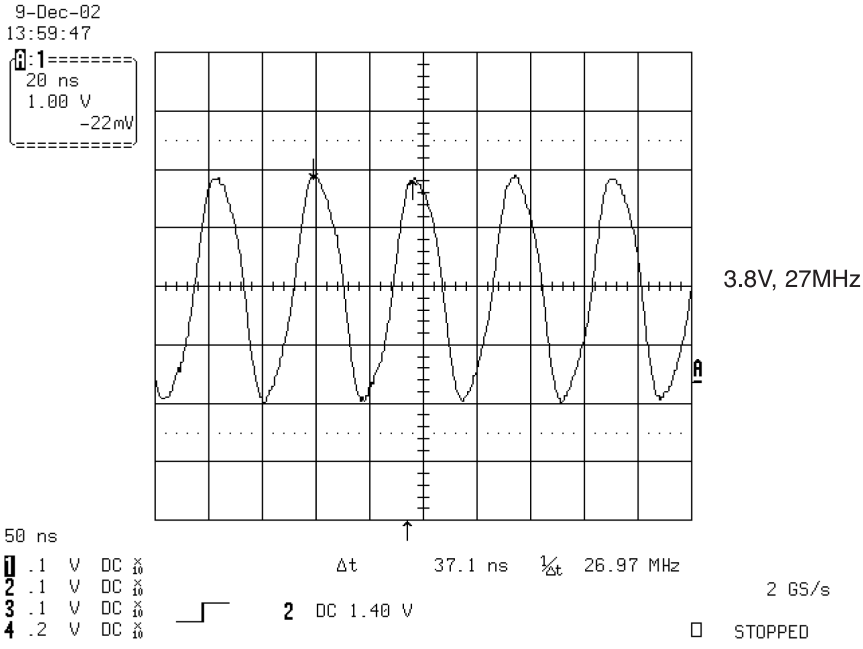


FIG 1-1

2) MT1336 reset is high active

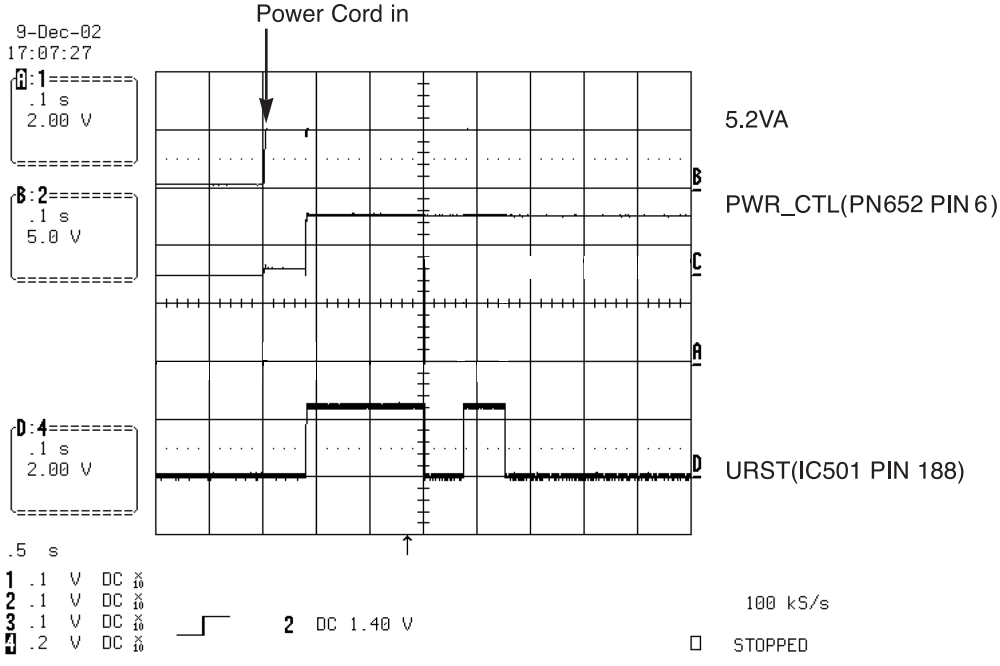


FIG 1-2

3) RS232 waveform during procedure(Downloading)

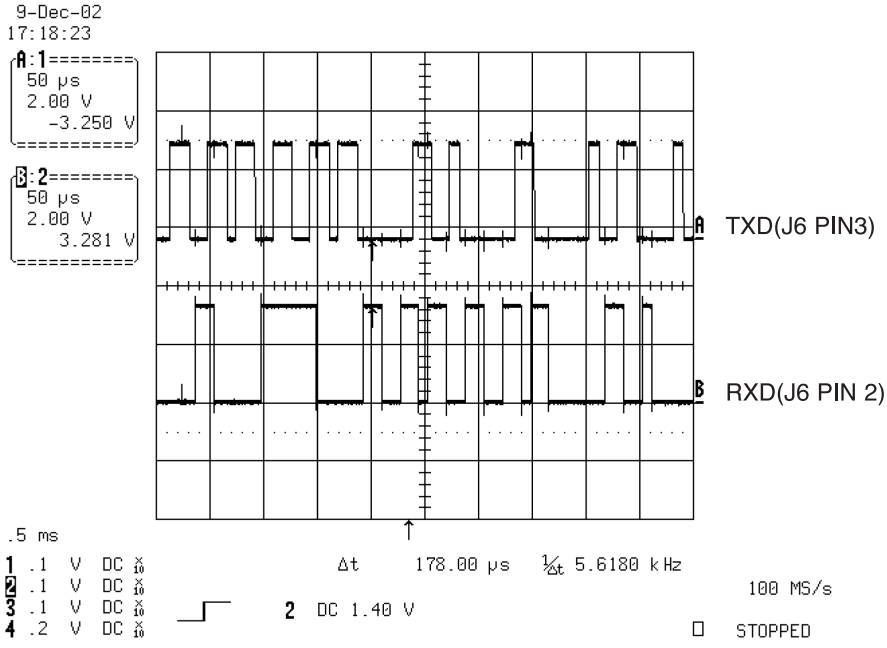


FIG 1-3

4) Flash R/W enable signal during download(Downloading)

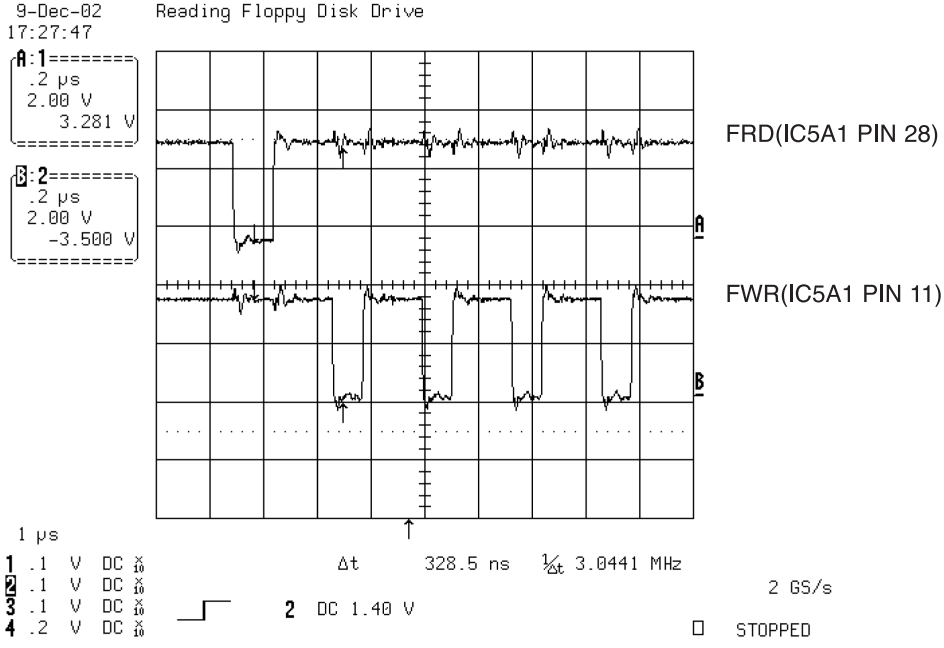


FIG 1-4

2. SDRAM CLOCK

1) MT1379 main clock is at 27MHz(X501)

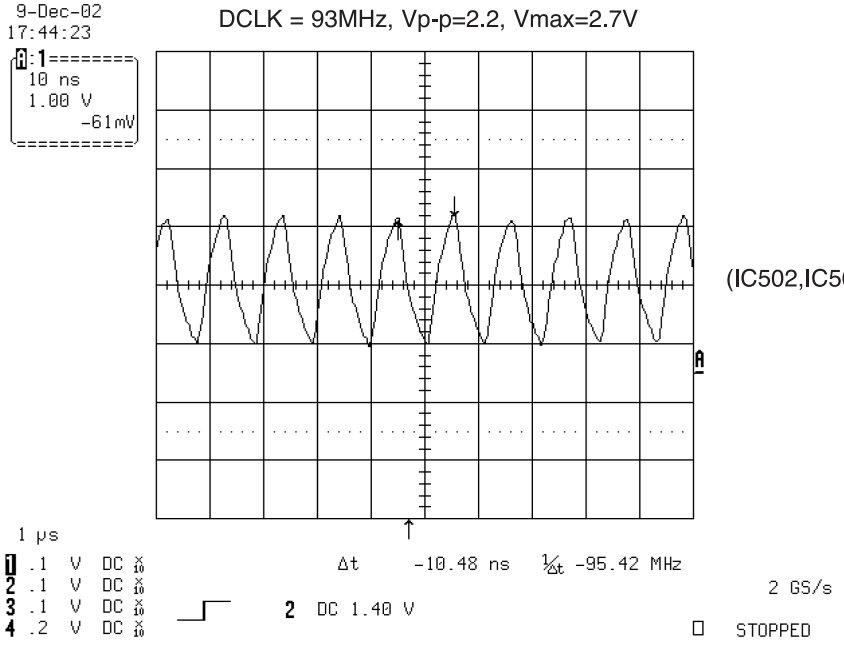


FIG 2-1

3. TRAY OPEN/CLOSE SIGNAL

1) Tray open/close waveform

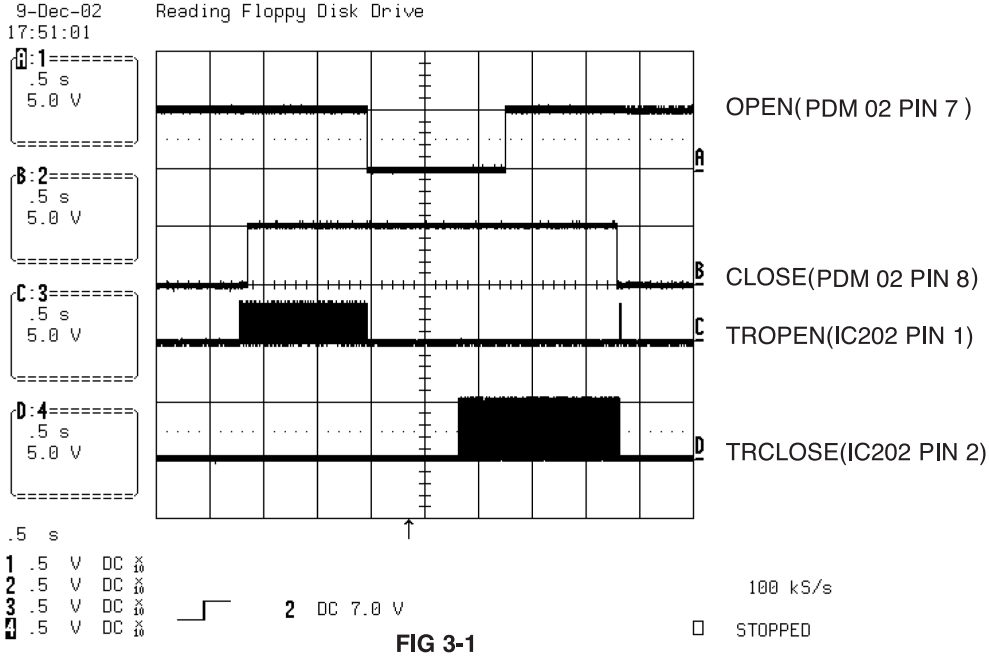


FIG 3-1

2) Tray close waveform

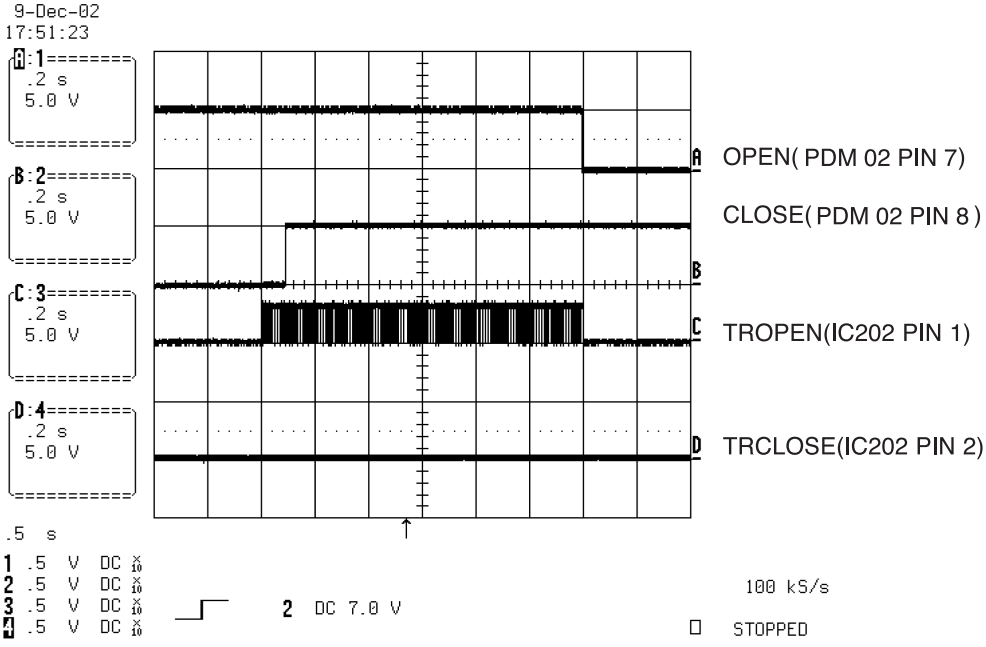


FIG 3-2

3) Tray open waveform

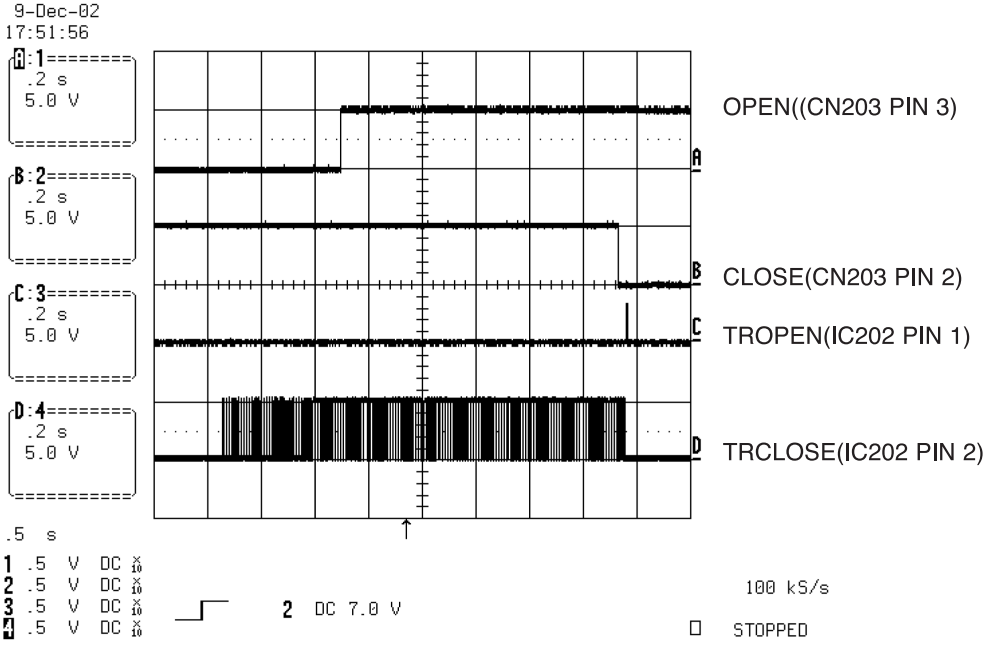


FIG 3-3

4. SLED CONTROL RELATED SIGNAL (NO DISC CONDITION)

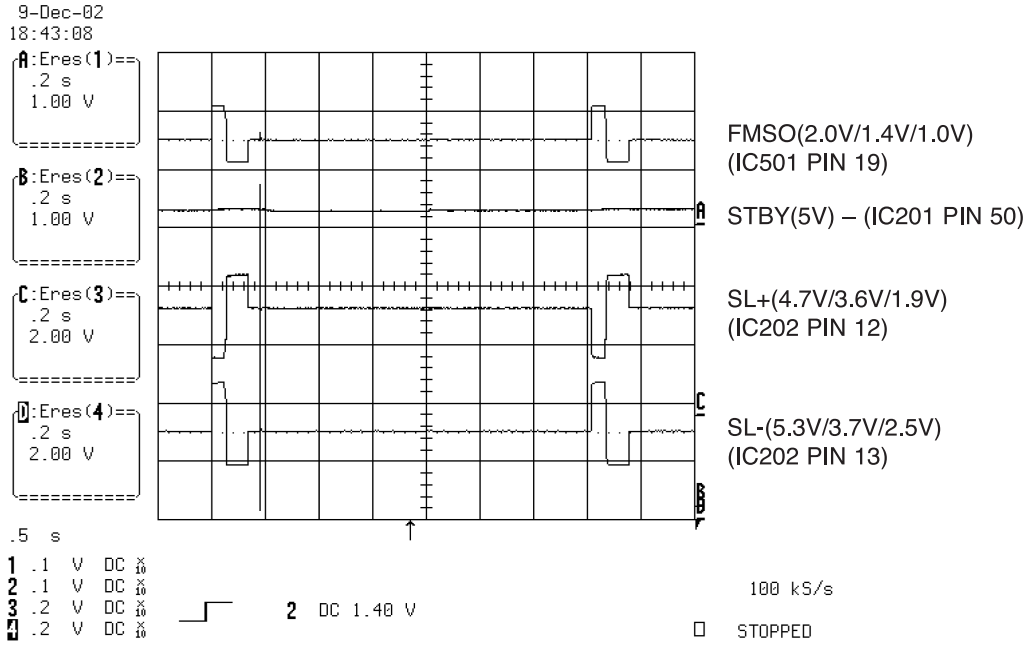


FIG 4-1

5. LENS CONTROL RELATED SIGNAL(NO DISC CONDITION)

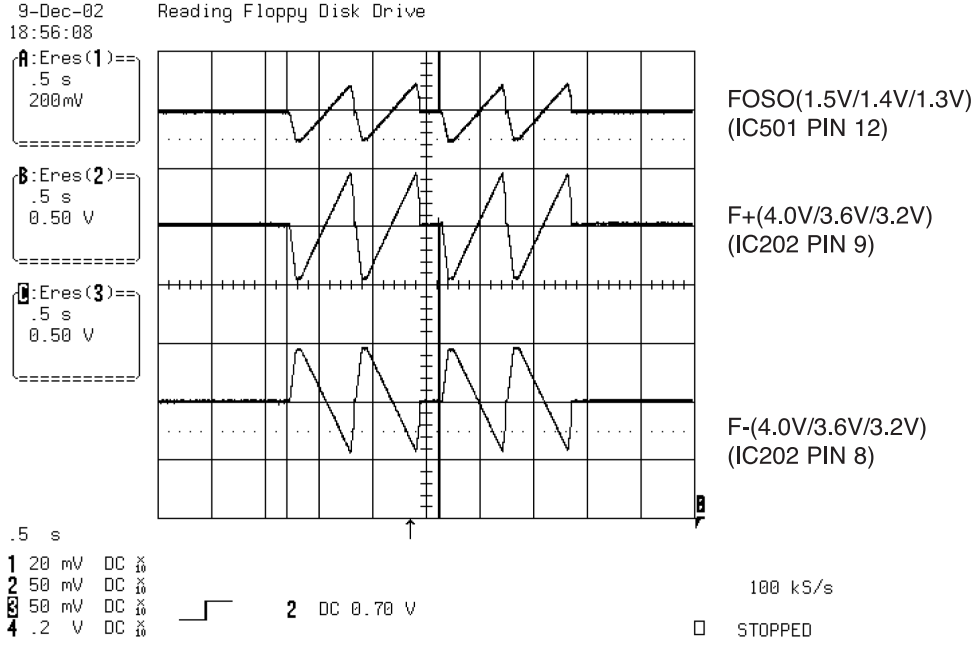


FIG 5-1

6. LASER POWER CONTROL RELATED SIGNAL (NO DISC CONDITION)

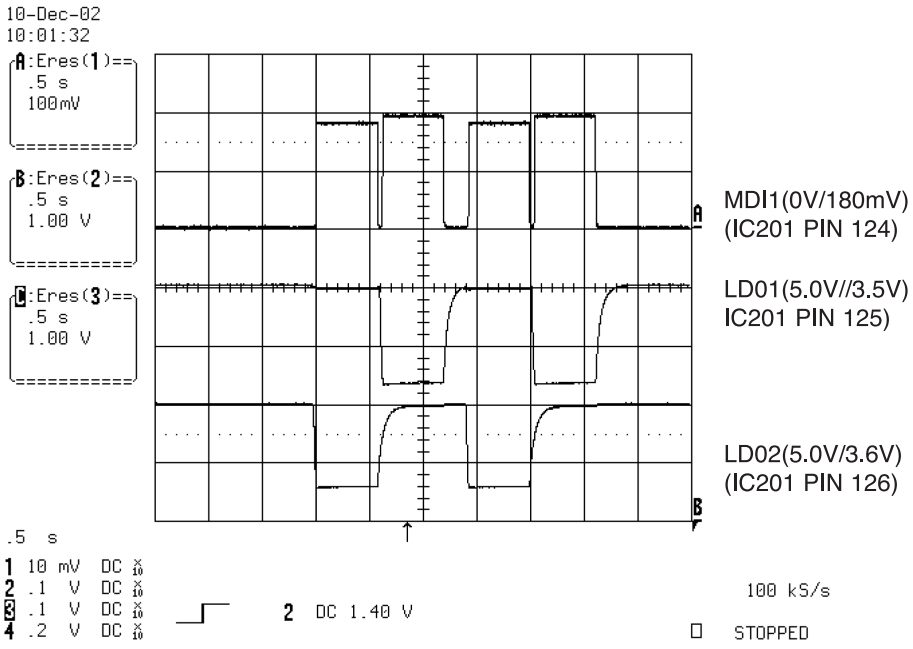


FIG 6-1

7. DISC TYPE JUDGEMENT WAVEFORM

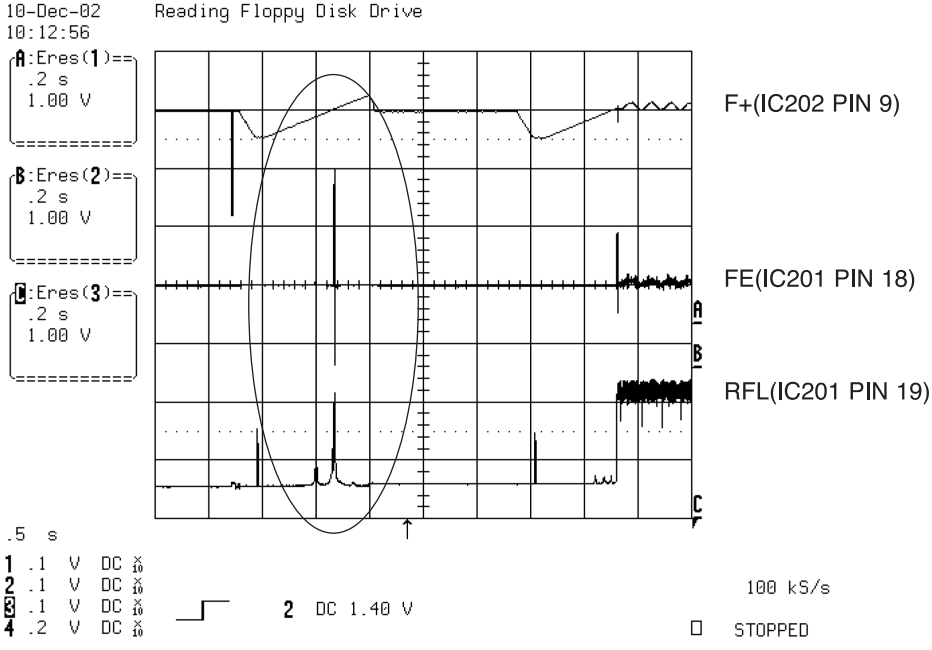


FIG 7-1 (DVD)

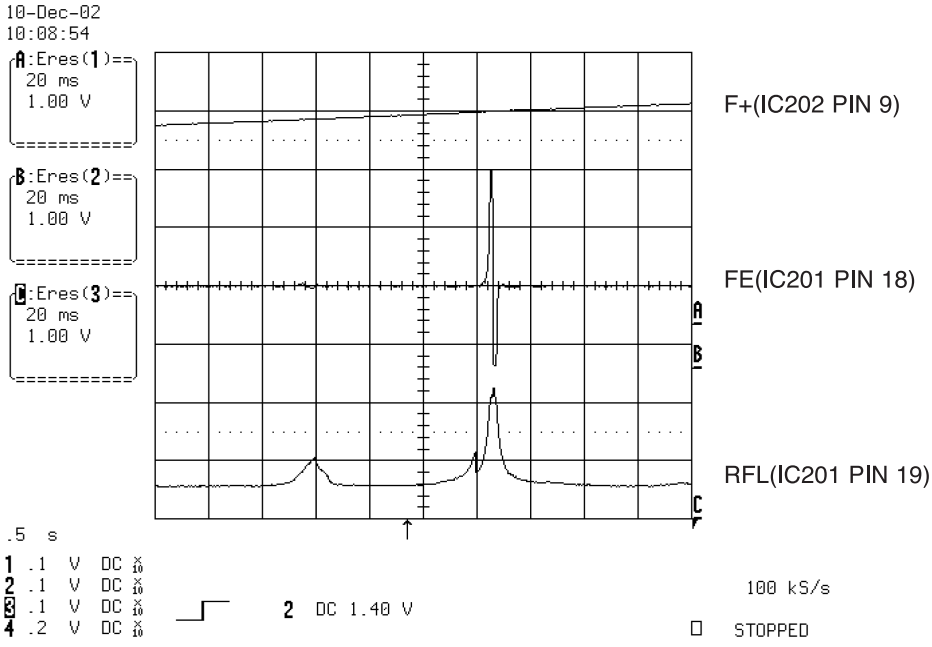


FIG 7-2 (DVD)

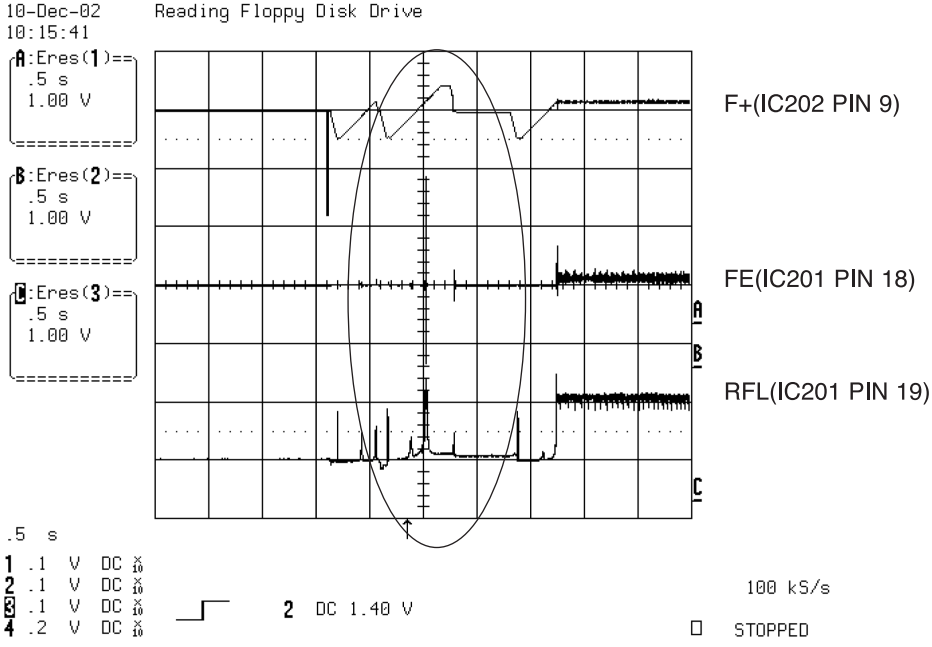


FIG 7-3 (CD)

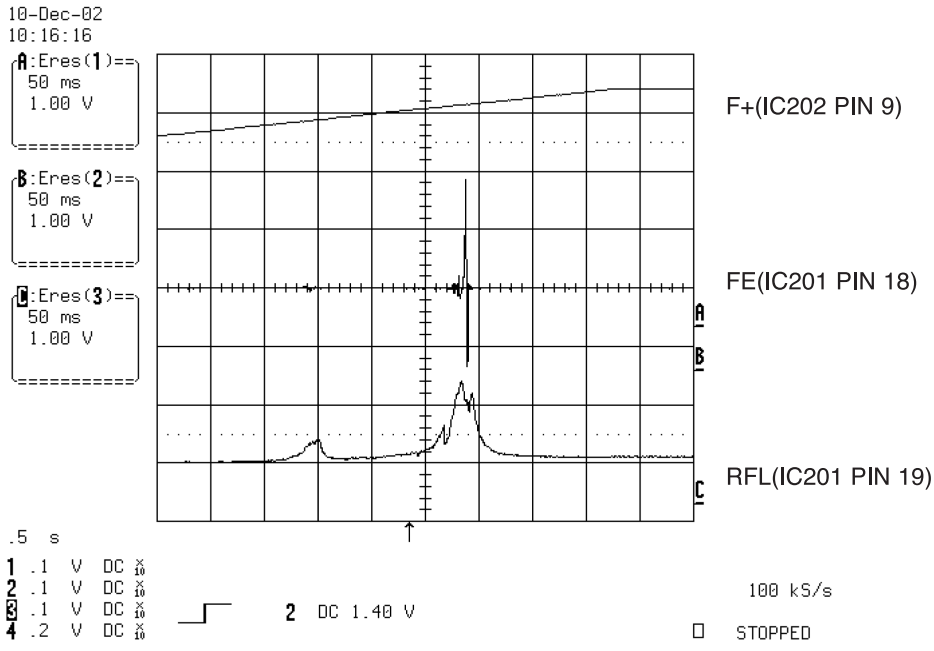


FIG 7-4 (CD)

8. FOCUS ON WAVEFORM

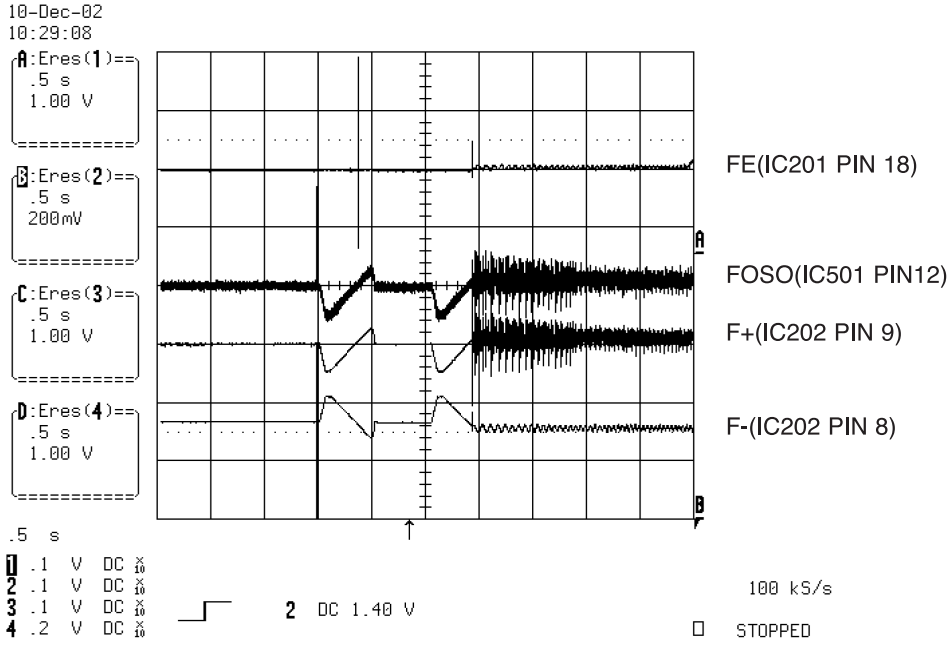


FIG 8-1 (DVD)

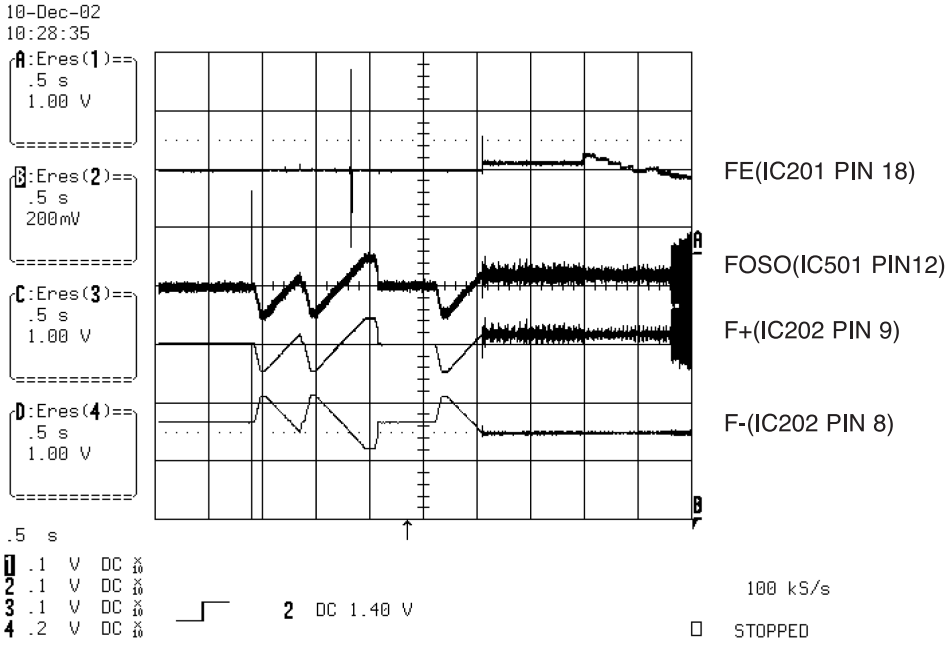


FIG 8-2 (CD)

9. SPINDLE CONTROL WAVEFORM (NO DISC CONDITION)

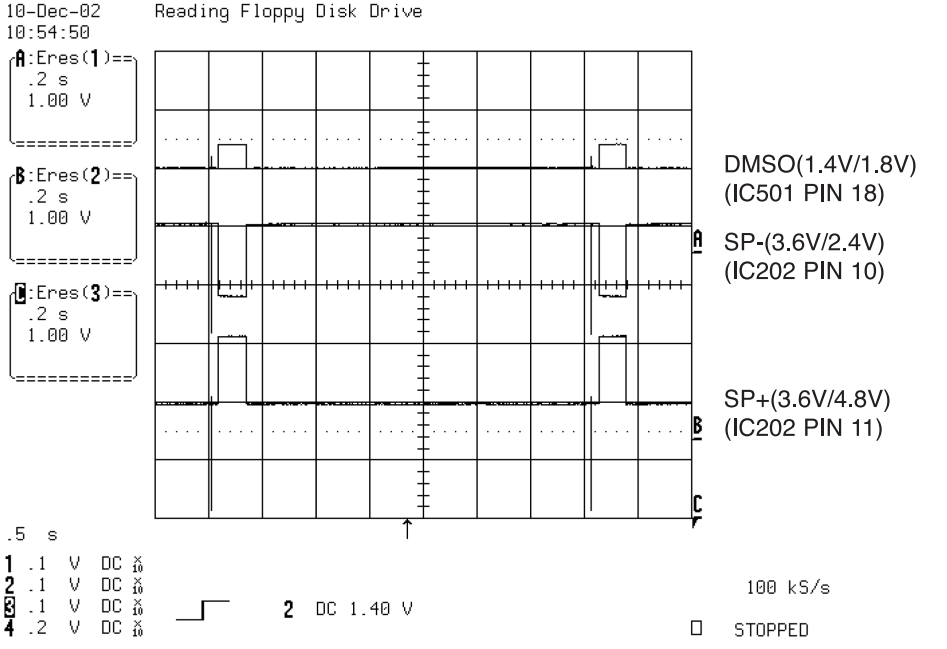


FIG 9-1

10. TRACKING CONTROL RELATED SIGNAL(System checking)

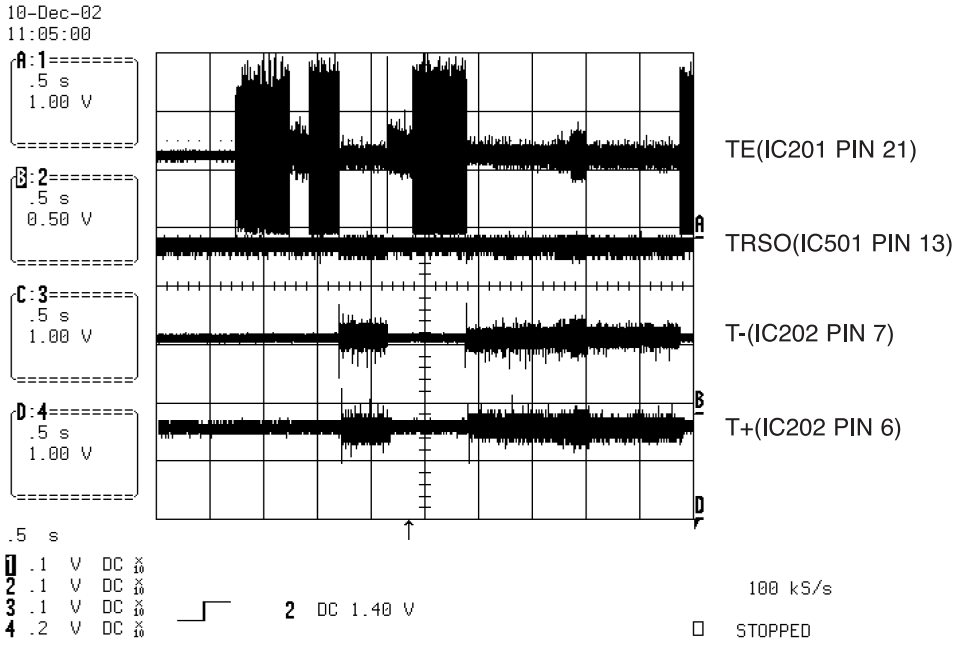


FIG 10-1(DVD)

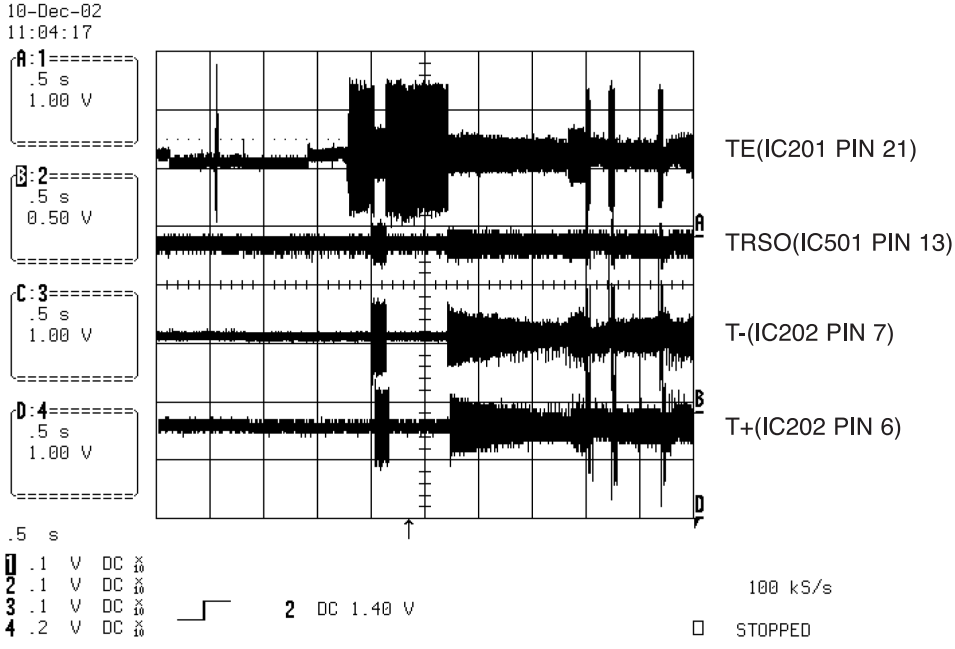


FIG 10-2(CD)

11. RF WAVEFORM

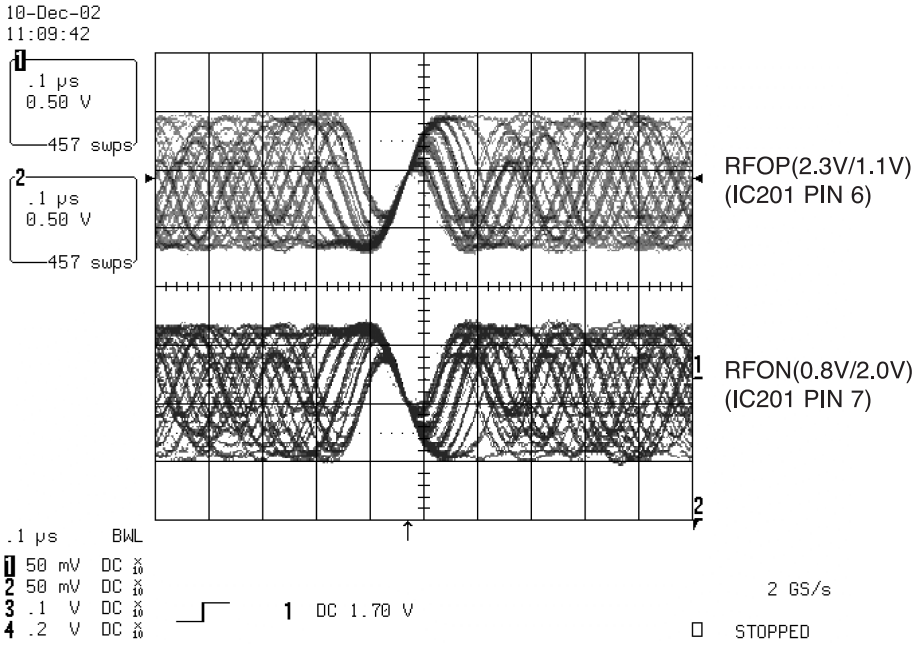


FIG 11-1

12. MT1379 AUDIO OPTICAL AND COAXIAL OUTPUT (ASPDIF)

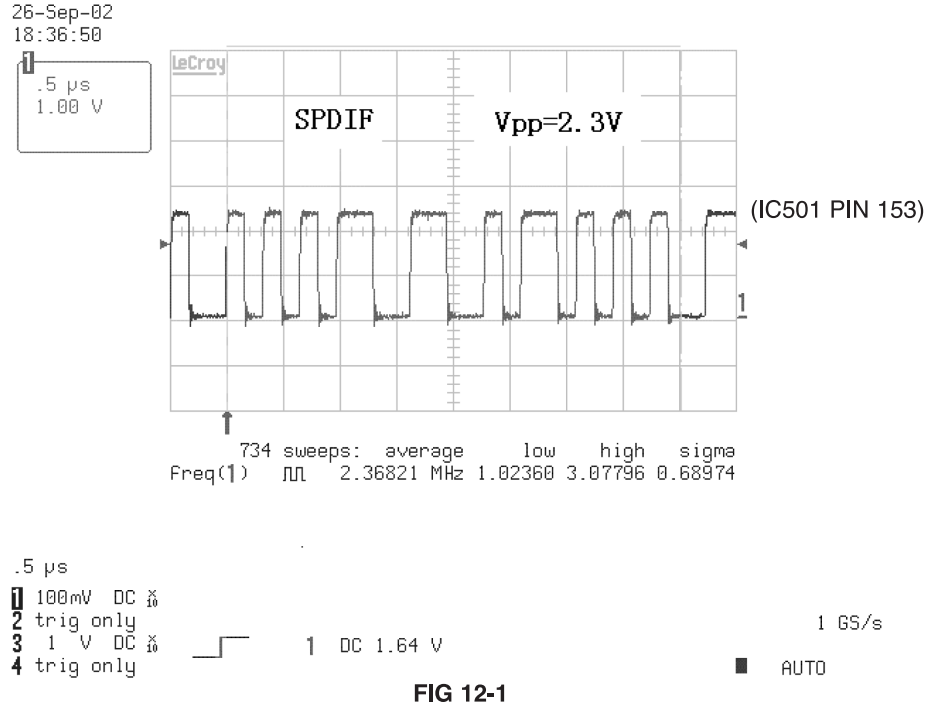
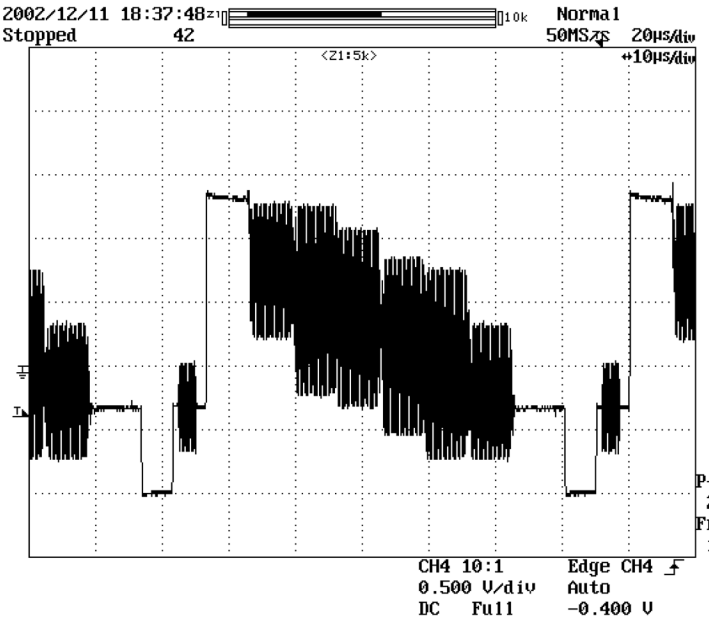


FIG 12-1

13. MT1379 VIDEO OUTPUT WAVEFORM

1) Full colorbar signal(CVBS)

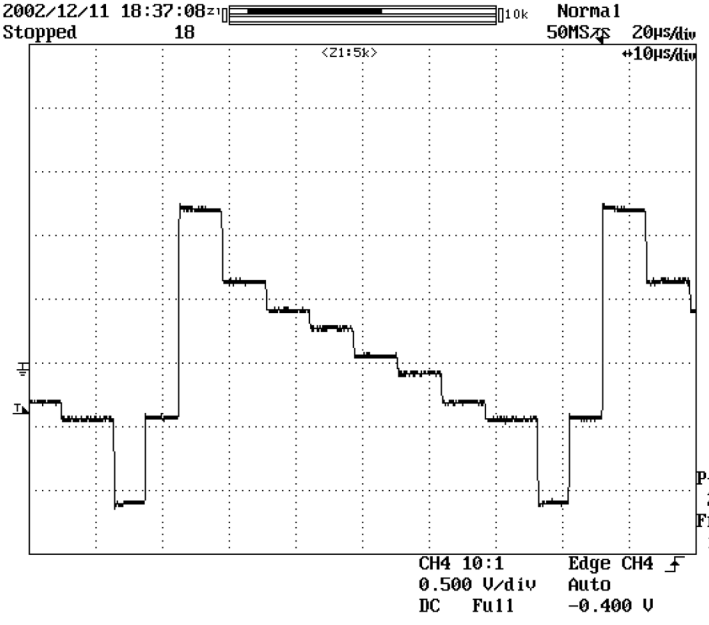
DCLK = 93MHz, Vp-p=2.2, Vmax=2.7V



(IC5C1 PIN 23)

FIG 13-1

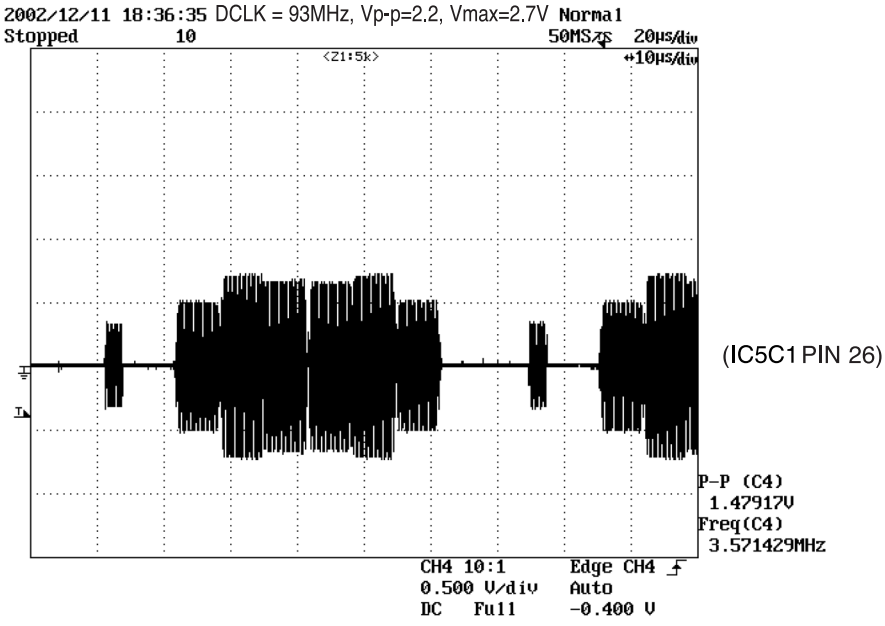
2) Y



(IC5C1 PIN 21)

FIG 13-2

3) C

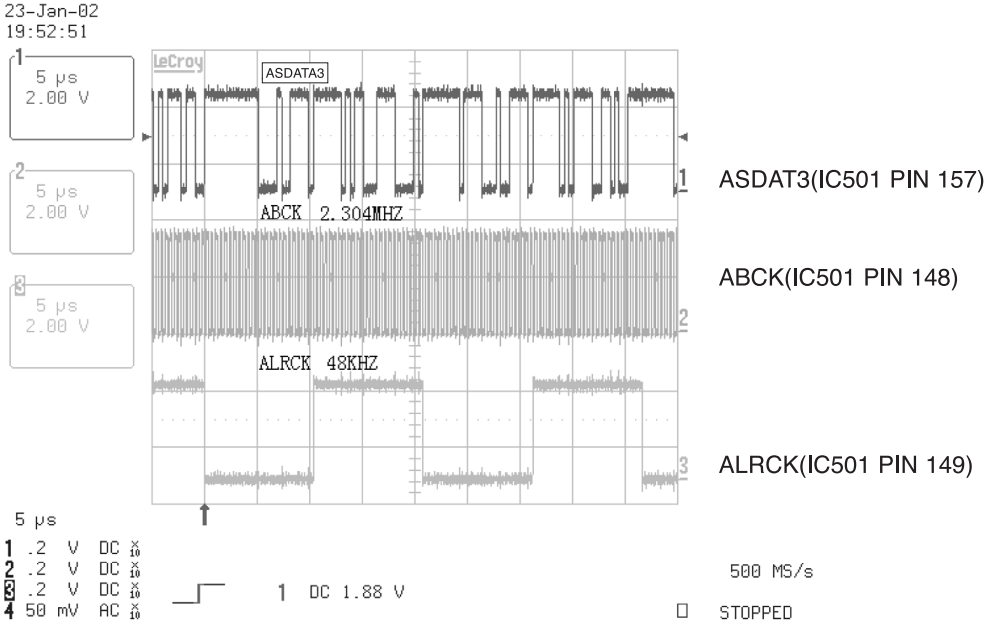


(IC5C1 PIN 26)

FIG 13-3

14. AUDIO OUTPUT FORM AUDIO DAC

1) Audio related Signal



ASDAT3(IC501 PIN 157)

ABCK(IC501 PIN 148)

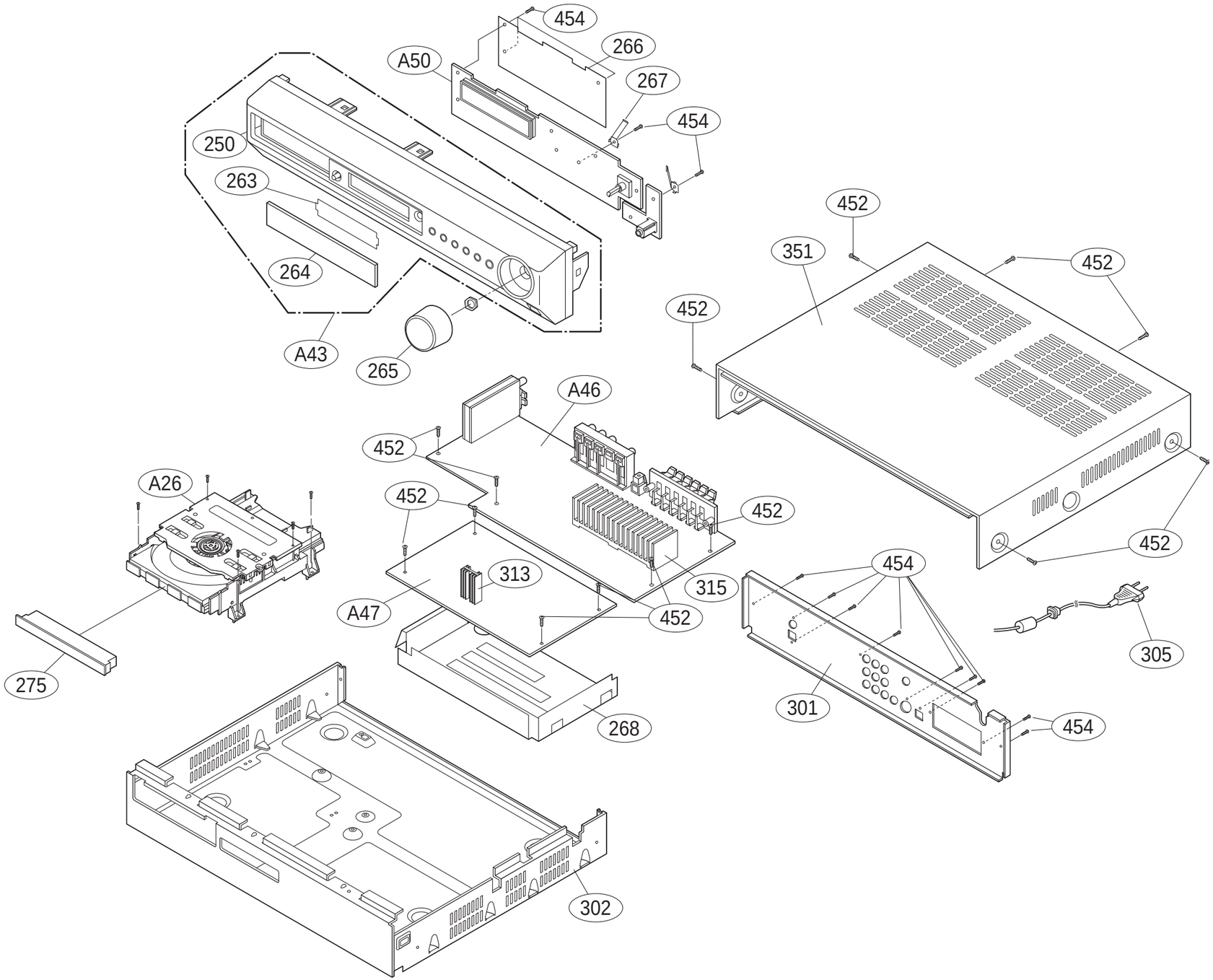
ALRCK(IC501 PIN 149)

FIG 14-1

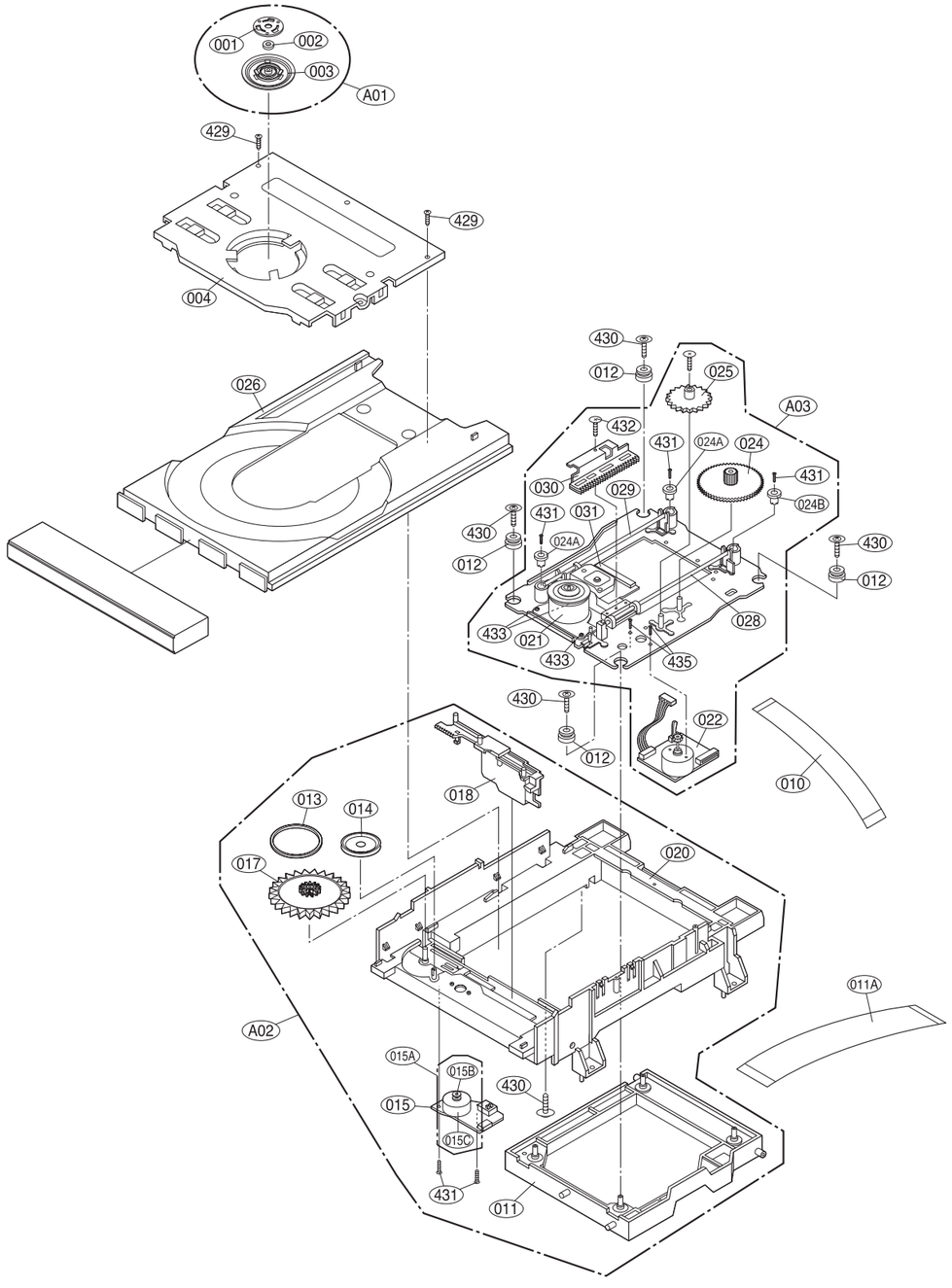
SECTION 4. EXPLODED VIEWS

NOTE) Refer to "SECTION 6 REPLACEMENT PARTS LIST" in order to look for the part number of each part.

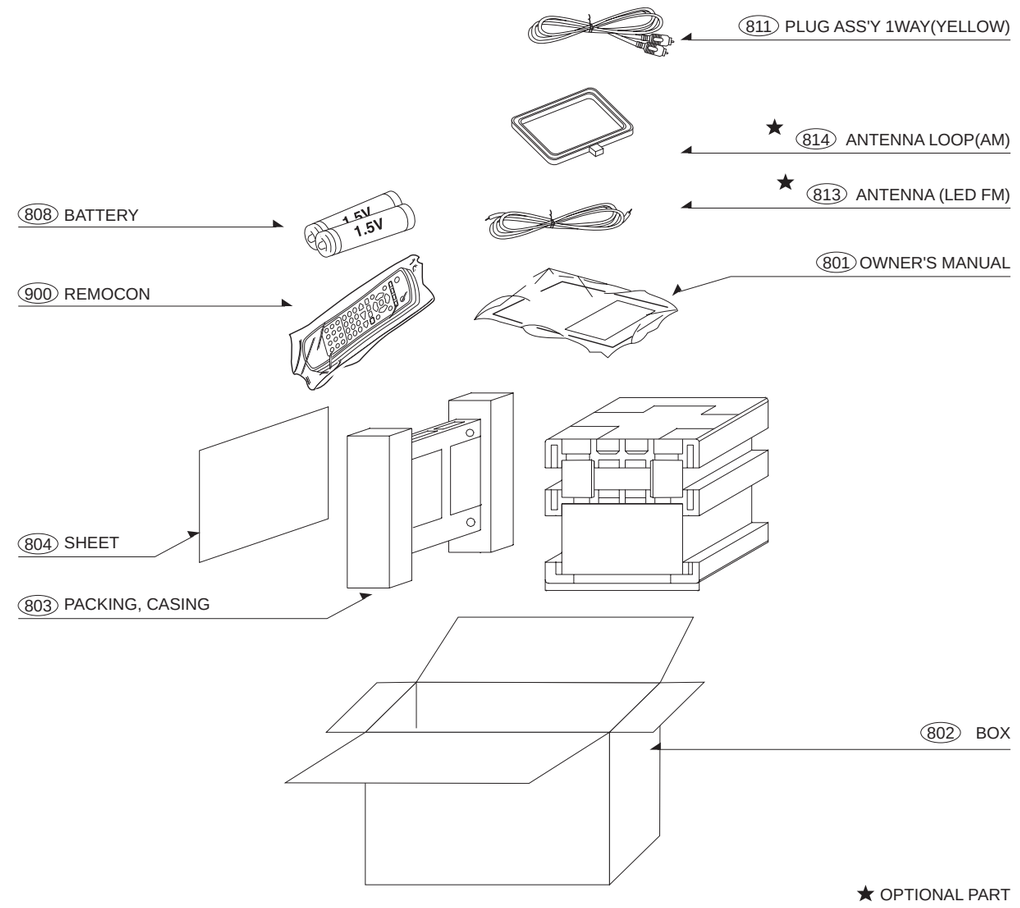
• CABINET AND MAIN FRAME SECTION



• DECK MECHANISM EXPLODED VIEW



• PACKING ACCESSORY SECTION



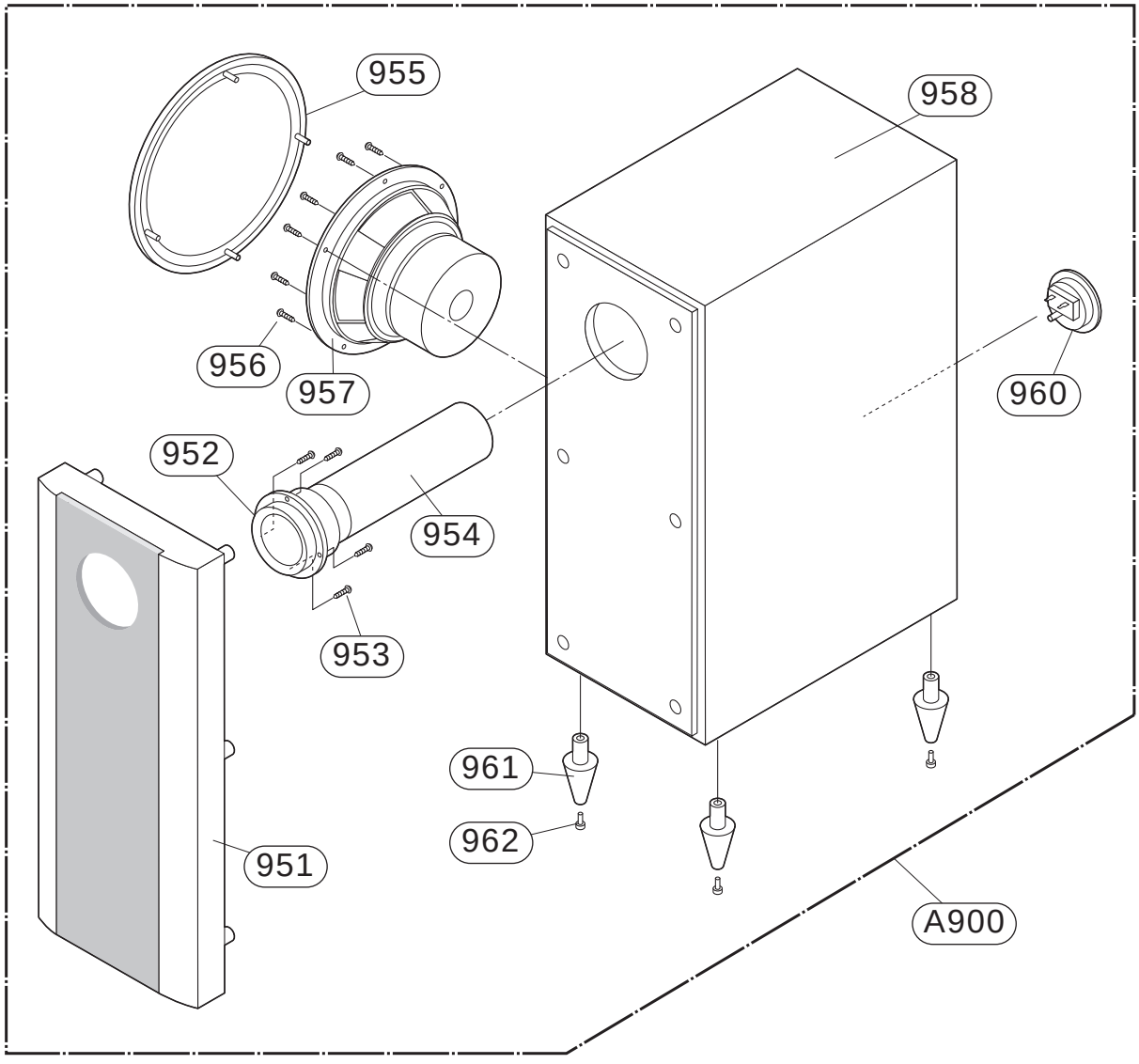
★ OPTIONAL PART

MEMO

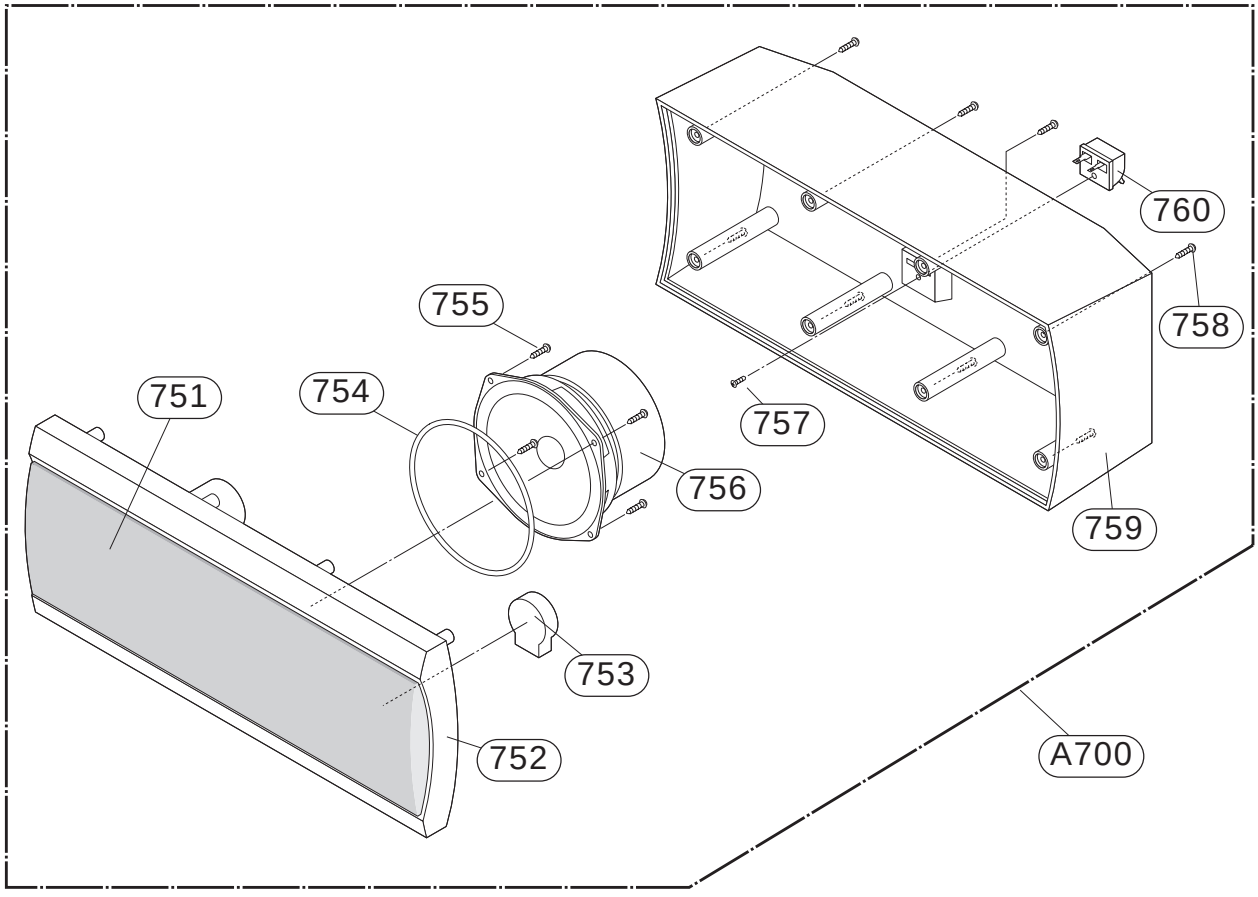
MEMO

SECTION 5. SPEAKER SECTION

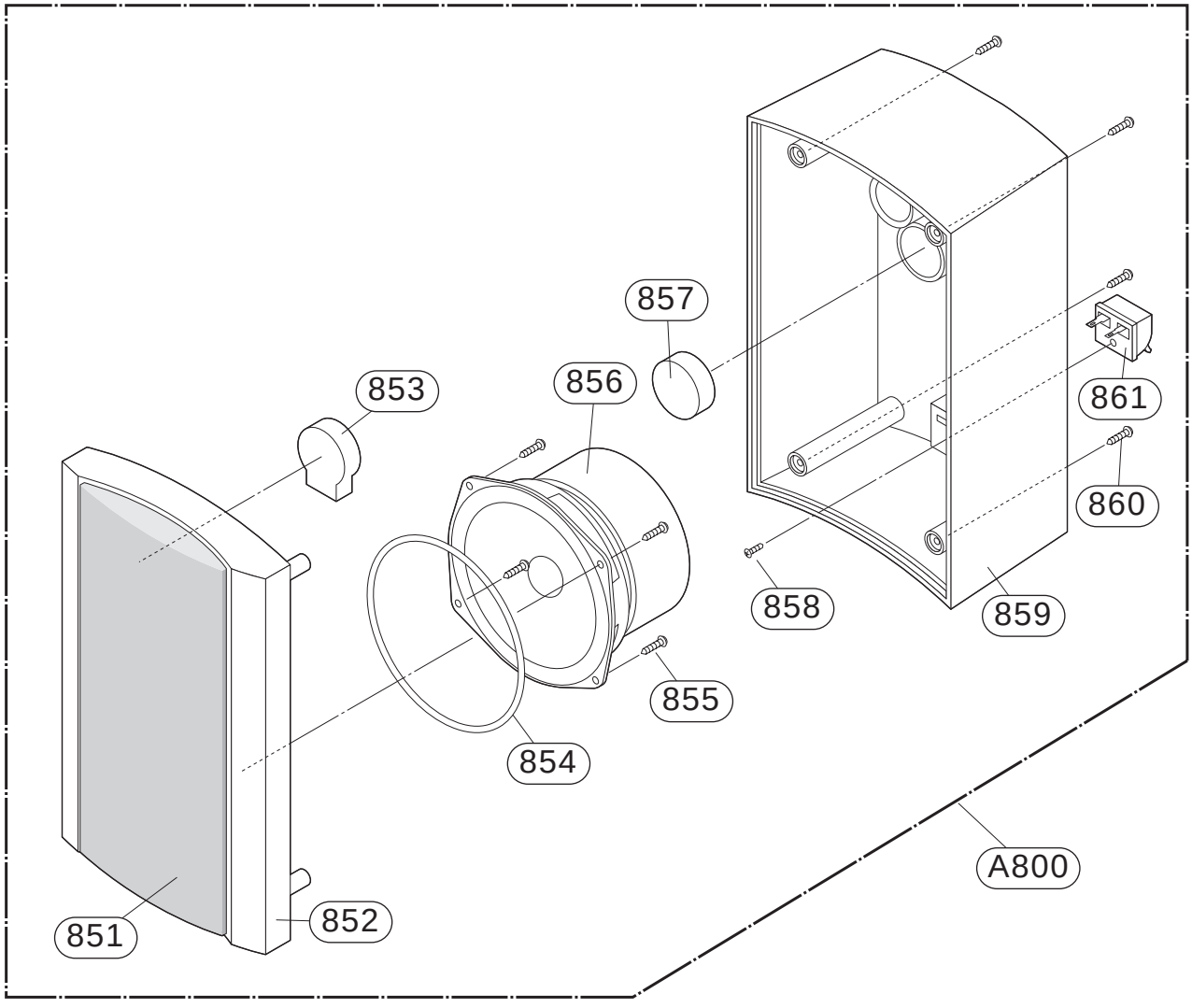
❑ MODEL: V55HTW



❑ MODEL : V55HTC



❑ MODEL: V55HTS



MEMO

NOTES) ⚠ Warning
Parts that are shaded are critical
With respect to risk of fire or
electricial shock.

SECTION 6 REPLACEMENT PARTS LIST

TOSHIBA MODEL : SD-44HKSE

NSP : Not available as service parts.

RUN DATE : 07-SEP-04

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		*** INDIVIDUAL PARTS ***					
		265	AF000910	4940RLV002A	KNOB	VOLUME	
		266	AF000900	3858RLX002A	SHEET (MECH)	CDT F_PCB 96.2 X 49.5 X 0.5 [	
		267	AF000890	3300RCH001B	PLATE	DKS-5000 PRESS GND 14MM	
		268	AF000891	3300RCH018A	PLATE	LH-T6440 OTHER SMPS SHIELD(SHE	
		275	AF000893	3581RLT001A	DOOR ASSEMBLY	HOME THEATER DVD [LH-T6544/TSB	
		301	AF000894	3720RCP049Q	PANEL,AUDIO	HOME THEATER BACK [LH-T6544/TS	
		302	AF000889	3140RCH018A	CHASSIS	LH-T6440/T6540 PRESS	
⚠		305	79097568	6410RCHZ05B	POWER CORD	CE-503/KKJ-1004A(ST-HS:250MM)	
		351	AF000888	3090RCH013B	CABINET	LH-T6441 PRESS NO BRAND, PCM 0	
		452	AF000888	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUND	
		454	79096225	353-025C	SCREW,DRAWING	TAPTITE 3X10 FBK	
		*** PANEL ASSEMBLY , FRONT ***					
		A43	AF000896	3721RLM018A	PANEL ASSEMBLY,AUDIO	HOME THEATER FRONT [LH-T6544/T	
		250	AF000895	3720RLM002A	PANEL,AUDIO	HOME THEATER FRONT [LH-T6544/T	
		263	AF000901	3858R-X247A	SHEET (MECH)	CDT FL 89.9 X 13.2 X 0.5 [LH-T	
		264	AF000897	3790R-P102A	WINDOW,DECO	HOME THEATER DISPLAY[LH-T6544/	
		*** PACKING ACCESSORY ***					
		801	AF000899	3835RH0050Y	INSTRUCTION ASSEMBLY	HOME LH-T6544D NA6ETTS ASSY	
		802	AF000904	3890RCC164B	BOX	LH-T6544D NA6ETTS DW2 TOSHIBA	
		803	AF000905	3920R-E124A	PACKING	HOME LH-T6544 180 AUDIO	
		804	AF000902	3880SCS001E	BAG	EPE 600 500 0.03 AUDIO FOR SET	NSP
		808	79096451	534-008C	BATTERY,MANGANESE	AAAM(R03) SEOTONG 1-5 V - 1PA	
		811	79098903	564-017B	PLUG ASSEMBLY	PHONO CORD 1WAY (YL)	
		813	AF000911	5010R-D002A	ANTENNA,LEAD	FM ANT FIA-101C KWANG SUNG L=1	
		814	79097555	5010R-L002B	ANTENNA,LOOP	S0160BL-09 (LS0160BL-X000009-0	
		*** REMOTE CONTROLLER ***					
		900	AF000923	6710CDAG03A	REMOTE CONTROLLER	DA1 66KEY DONGDO LH-T6544 TOSH	
		*** PWB(PCB) ASSEMBLY , TOTAL SMPS ***					
		A47	AF000926	6871R-6540D	PWB(PCB) ASSEMBLY,TOTAL	LH-T6540 SMPS WIDE TOTAL ASSY	
		313	AF000907	4920RCE034B	HEAT SINK	AL EX 33*29.5*17 LH-T6541	
		454	79096225	353-025C	SCREW,DRAWING	TAPTITE 3X10 FBK	
		BD901	AF000856	0DRGS00360A	DIODE,RECTIFIERS	GBU6J GENERAL SEMICONDUCTOR BK	
		BD901	AF000855	0DRFC00181A	DIODE,RECTIFIERS	GBU6J FAIR CHILD ST GBU 600V 6	
⚠		C900	79096279	0CG1020U630	CAPACITOR,SEMI CERAMIC	1000PF 400V M E(Z5U) R	
⚠		C901	79096279	0CG1020U630	CAPACITOR,SEMI CERAMIC	1000PF 400V M E(Z5U) R	
⚠		C902	79096279	0CG1020U630	CAPACITOR,SEMI CERAMIC	1000PF 400V M E(Z5U) R	
		C904	AF000852	0CE337RV6A0	CAPACITOR,FIXED ELECTROLYTIC	330UF KMH 450V 20% VNSN BULK	
		C905	79092033	0CQ1031Y519	CAPACITOR,FIXED FILM	0.01UF D 630V 10% PE NI TP5	
		C907	AF000104	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C907	79096119	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C908	79096144	0CE4766K618	CAPACITOR,FIXED ELECTROLYTIC	47UF SMS,SG 50V 20% FL TP 5	
		C909	79096167	0CQ4721N409	CAPACITOR,FIXED FILM	0.0047UF D 100V 5% PE TP5	
		C910	79096163	0CQ1031N409	CAPACITOR,FIXED FILM	0.01UF D 100V 5% PE TP5	
		C911	79096144	0CE4766K618	CAPACITOR,FIXED ELECTROLYTIC	47UF SMS,SG 50V 20% FL TP 5	
		C912	79096166	0CQ2721N409	CAPACITOR,FIXED FILM	0.0027UF D 100V 5% PE TP5	
		C913	AF000507	0CF56111410	CAPACITOR,FIXED FILM	560PF D 1KV 5% PE NI BULK	
		C914	79096164	0CQ1041N409	CAPACITOR,FIXED FILM	0.1UF D 100V 5% PE TP5	
		C915	79096168	0CQ4731N409	CAPACITOR,FIXED FILM	0.047UF D 100V 5% PE TP5	
		C922	79096131	0CE2256K618	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C923	AF000848	0CE108BD630	CAPACITOR,FIXED ELECTROLYTIC	1000UF KME TYPE 10V 20% FM5 BU	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C924	79096130	0CE108EH610	CAPACITOR,FIXED ELECTROLYTIC	1000UF KMG 25V 20% BULK FL	
		C925	AF000848	0CE108BD630	CAPACITOR,FIXED ELECTROLYTIC	1000UF KME TYPE 10V 20% FM5 BU	
		C926	AF000847	0CE1076H618	CAPACITOR,ELECTROLYTIC	100M SMS 25V M FM5 TP(5)	
		C927	79096121	0CE1076K618	CAPACITOR,ELECTROLYTIC	100UF SMS 50V M FL TP5	
		C928	79096128	0CE108CD638	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 10V 20% TP 5 FM5	
		C929	79096140	0CE337EH638	CAPACITOR,FIXED ELECTROLYTIC	330UF KMG 25V 20% FM5 TP 5	
		C930	79096128	0CE108CD638	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 10V 20% TP 5 FM5	
		C932	79096127	0CE108CC618	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 6.3V 20% TP 5 FL	
		C933	AF000849	0CE2276F618	CAPACITOR,FIXED ELECTROLYTIC	220UF SMS,SG 16V 20% FL TP 5	
		C934	79096127	0CE108CC618	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 6.3V 20% TP 5 FL	
		C935	79092002	0CE1076F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SMS,SG 16V 20% FM5 TP 5	
		C936	79092002	0CE1076F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SMS,SG 16V 20% FM5 TP 5	
		C941	AF000850	0CE3376F618	CAPACITOR,ELECTROLYTIC	330M SMS 16V M FM5 TP5	
		C942	79096131	0CE2256K618	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C943	79096117	0CE1056K618	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FL TP 5	
		C944	AF000104	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C944	79096119	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C951	AF000502	0CE228ZK610	CAPACITOR,FIXED ELECTROLYTIC	2200UF LXV DOWN 50V 20% FL BUL	
		C952	AF000502	0CE228ZK610	CAPACITOR,FIXED ELECTROLYTIC	2200UF LXV DOWN 50V 20% FL BUL	
		C953	AF000502	0CE228ZK610	CAPACITOR,FIXED ELECTROLYTIC	2200UF LXV DOWN 50V 20% FL BUL	
		C954	79096243	624-087D	CAPACITOR	HI-VOL 470P/1KVDC SMPS SAMHWA	
⚠		CM901	79096244	624-088L	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
⚠		CM902	79096244	624-088L	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
		CN901	79097576	6630R-BF03J	CONNECTOR (CIRC),BOARD TO BOAR	JE121-10 JAE EUN 10PIN 2-54MM	
		CN902	AF000918	6630R-BF03N	CONNECTOR (CIRC),BOARD TO BOAR	JE121-14 JAE EUN 14P 2.54MM	
		D122	AF000700	0DRFC00191A	DIODE,RECTIFIERS	FFPF30U20STU FAIR CHILD ST TO2	
		D122	AF000517	0DRFC00171A	DIODE,RECTIFIERS	FFPF20U20STU FAIR CHILD ST TO2	
		D901	79096002	0DD010009CA	DIODE,RECTIFIERS	EG01C TP SANKEN - - - - - -	
		D902	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D903	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D911	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D912	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D921	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D922	AF000858	0DRVH00030A	DIODE,RECTIFIERS	SB360 VISHAY BK DO201AD 60V 3A	
		D923	AF000857	0DRVH00020A	DIODE,RECTIFIERS	UG4D VISHAY BK DO201AD 200V 4A	
		D924	AF000858	0DRVH00030A	DIODE,RECTIFIERS	SB360 VISHAY BK DO201AD 60V 3A	
		D926	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D927	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D928	79097510	0DS141489AB	DIODE,SWITCHING	1N4148 TP GRANDE - 20V - - - -	
		D929	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D932	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D933	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D941	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D942	AF000854	0DD540200CA	DIODE,RECTIFIERS	1N5402 BK LITEON - - -201A - -	
⚠		F901	AF000184	0FS5001B51D	FUSE,SLOW BLOW	5000MA 250 V 5.2X20 CY/GL KS/J	
		FB901	79091008	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		FB902	79091008	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		FH900A	79098790	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
		FH900B	79098790	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
		IC901	AF000867	0IPMGFA058A	IC,POWER MANAGEMENT	FSDM0365RN FAIRCHILD 8PIN,DIP	
		IC902	AF000188	0IPMGFA035A	IC,POWER MANAGEMENT	KA5Q1265RF-YDTU FAIRCHILD TO-3	
		IC921	AF000866	0IPMGFA006C	IC,POWER MANAGEMENT	KA378R05-TSTU FAIRCHILD 4PIN,T	
		IC922	79098750	0IPMGFA017A	IC,POWER MANAGEMENT	KA78R12TSTU FAIRCHILD 4P TO-22	
		IC923	79098748	0IPMGFA015A	IC,POWER MANAGEMENT	KA78R33TSTU FAIRCHILD 4P TO-22	
		IC924	AF000868	0IPMGKE009C	IC,POWER MANAGEMENT	KIA7808API-CU KEC 3P TO-220 ST	
		IC941	79094020	0ISS431000A	IC,SAMSUNG ELECTRONICS	KA431AZ (LM431AZ)	
		IC942	79094020	0ISS431000A	IC,SAMSUNG ELECTRONICS	KA431AZ (LM431AZ)	
		L921	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
		L922	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L923	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
⚠		LF901	AF000621	6200JB8013N	FILTER(CIRC),EMC	SQE2828 KWANGSUNG BK 30MH LH-A	
⚠		LF902	AF000621	6200JB8013N	FILTER(CIRC),EMC	SQE2828 KWANGSUNG BK 30MH LH-A	
⚠		PC910	79094030	657-063A	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
		PC911	79094030	657-063A	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
⚠		PC912	79094030	657-063A	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
		PN901	79096066	561-292B	CONNECTOR(CIRC),DRAWING	GP390 LGC 3P 3.96 STRAIGHT SN	
		Q910	79097532	0TR126809BA	TRANSISTOR,BIPOLARS	KTA1268-BL TP KEC	
		Q921	79097535	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q922	79095003	0TR127309AA	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	
		R900	79093009	0RD1504H632	RESISTOR,FIXED CARBON FILM	1.5M OHM 1/2 W 5.00% MF10	
		R901	79093055	0RS5602K619	RESISTOR,FIXED METAL OXIDE FIL	56K OHM 2 W 5.00% TR	
		R902	79097164	0RD0102F608	RESISTOR,FIXED CARBON FILM	10 OHM 1/6 W 5% TA26	
		R903	79097165	0RD0182F608	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R904	79093018	0RD4702F608	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5% TA26	
		R905	79093018	0RD4702F608	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5% TA26	
		R906	79097164	0RD0102F608	RESISTOR,FIXED CARBON FILM	10 OHM 1/6 W 5% TA26	
		R909	AF000883	0RS1003K619	RESISTOR,FIXED METAL OXIDE FIL	100K OHM 2 W 5.00% TR	
		R911	79098764	0RD6800F608	RESISTOR,FIXED CARBON FILM	680 OHM 1/6 W 5% TA26	
		R912	79097185	0RD5600F608	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5% TA26	
		R913	79093014	0RD3300F608	RESISTOR,FIXED CARBON FILM	330 OHM 1/6 W 5% TA26	
		R921	AF000874	0RD0562F608	RESISTOR,FIXED CARBON FILM	56 OHM 1/6 W 5% TA26	
		R922	79096339	0RD2700F608	RESISTOR,FIXED CARBON FILM	270 OHM 1/6 W 5% TA26	
		R932	AF000876	0RD1203F608	RESISTOR,FIXED CARBON FILM	120K OHM 1/6 W 5% TA26	
		R933	79097185	0RD5600F608	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5% TA26	
		R934	AF000878	0RD3902F608	RESISTOR,FIXED CARBON FILM	39K OHM 1/6 W 5% TA26	
		R941	AF000874	0RD0562F608	RESISTOR,FIXED CARBON FILM	56 OHM 1/6 W 5% TA26	
		R942	79093004	0RD1001F608	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5% TA26	
		R943	79096340	0RD2701F608	RESISTOR,FIXED CARBON FILM	2.7K OHM 1/6 W 5% TA26	
		R944	AF000877	0RD2001F608	RESISTOR,FIXED CARBON FILM	2K OHM 1/6 W 5% TA26	
		R945	79096337	0RD1500F608	RESISTOR,FIXED CARBON FILM	150 OHM 1/6 W 5% TA26	
		R946	79096338	0RD1802F608	RESISTOR,FIXED CARBON FILM	18K OHM 1/6 W 5% TA26	
		R947	79093007	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R947	79096185	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R948	79096339	0RD2700F608	RESISTOR,FIXED CARBON FILM	270 OHM 1/6 W 5% TA26	
		R949	79093016	0RD4700F608	RESISTOR,FIXED CARBON FILM	470 OHM 1/6 W 5% TA26	
		R950	79093017	0RD4701F608	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5% TA26	
		R951	79096566	0RD2202F608	RESISTOR,FIXED CARBON FILM	22K OHM 1/6 W 5% TA26	
		R952	79096566	0RD2202F608	RESISTOR,FIXED CARBON FILM	22K OHM 1/6 W 5% TA26	
		R953	79096566	0RD2202F608	RESISTOR,FIXED CARBON FILM	22K OHM 1/6 W 5% TA26	
		R954	79096566	0RD2202F608	RESISTOR,FIXED CARBON FILM	22K OHM 1/6 W 5% TA26	
		R955	AF000873	0RD0561F608	RESISTOR,FIXED CARBON FILM	5.6 OHM 1/6 W 0.05 TA26	
⚠		T901	AF000914	6170RNGW17U	TRANSFORMER,SMPS[COIL]	EER3435 KWANGSUNG 480UH	
⚠		T902	AF000913	6170RNGW17N	TRANSFORMER,SMPS[COIL]	EER4220S ACE 450 UH LH-T1000	
		TH901	AF000626	6322B62204A	THERMISTOR,PTC	NTPAN4R0LDRB0 MURATA 4.0OHM 15	
		VR901	79097559	6102R2A002A	VARISTOR,DRAWING	SVR10D-471 SW-D-204B SAMHWA 47	
		ZD903	AF000672	0DZ222609AB	DIODE,ZENER	UZ-22BSB 26MM TP PYUNG CHANG	
		ZD911	AF000860	0DZ470009AG	DIODE,ZENERS	UZ-4.7BSB PYUNG CHANG TP26 DO3	
		ZD921	AF000859	0DZ120009BH	DIODE,ZENERS	UZ-12BSC PYUNG CHANG TP26 DO34	
		*** DECK ASSEMBLY , MD (DVD) ***					
		A26	AF000924	6721RF0856C	DECK ASSEMBLY,AUDIO	DECK/MECHA DP-7T-DI-MITSUMI VA	NSP
		A01	79096511	4861R-0016C	CLAMP ASSEMBLY	DECK/MECHA DISC DP-7 (DI)	
		A02	AF000886	3041R-M040C	BASE ASSEMBLY	MAIN DP-7T-DI	
		A03	AF000887	3041R-M044F	BASE ASSEMBLY	SLED DP-7T-DI-VA9	
		001	79097006	3300R-0547A	PLATE	CLAMP	NSP
		002	79097007	5016H-1016B	MAGNET	CLAMP(LDM-R608,10*5,1*1.5T)	NSP
		003	AF000069	4860R-0021A	CLAMP	UPPER DP7	NSP
		004	AF000909	4930R-0402A	HOLDER	CLAMP DP-7A	
		010	79096473	6850R-GK22Z	CABLE,FLAT	P=1.0 FFC UL2896(0.05X0.65) 11	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		011	79096531	3210R-M002A	FRAME	UP/DOWN MOLD DP7C	
		011A	AF000925	6850R-JW16B	CABLE,FLAT	P=1.0 FFC UL2896(0.035X0.7) 23	
		012	79096652	5040R-0075B	RUBBER	DAMPER DP7 (CHUNG PUNG 30)	
		012	AF000076	5040R-0075D	RUBBER	DAMPER DP7 (YAMAUCHI 30)	
		013	AF000050	4400R-0006B	BELT	DECK/MECHA DP2-5, DP7C,DP7A OT	
		014	79096235	4470R-0055A	GEAR	PULLEY	
		015	79096477	6871RZ5130A	PWB(PCB) ASSEMBLY,OTHERS	SUB,L/D (DP-4V,DVD+VCR) DI	
		015A	79096513	4681R-1023E	MOTOR ASSEMBLY	LOADING (DI)	
		015B	79096516	4560R-0008A	PULLEY	MOTOR	
		015C	79096515	4680HP2001A	MOTOR(MECH)	RF-300CH-11440(SHAFT 6.05L)M/C	
		015C	AF000065	4680R-E009A	MOTOR(MECH)	FEEDING RF300EH-1D390 MABUCHI	
		015C	AF000066	4680R-E010A	MOTOR(MECH)	FEEDING BCZ3B51 SANKYO FOR DP7	
		015C	AF000057	4680HP2011A	MOTOR(MECH)	PC200DG-21651C JOHNSON LOADING	
		015C	AF000064	4680R-D003A	MOTOR(MECH)	LOADING RF-300EH-1D390 MABUCHI	
		017	79096236	4470R-0056A	GEAR	LOADING	
		018	79096240	4974R-0023A	GUIDE	UP/DOWN	
		020	AF000885	3040R-D005A	BASE	MAIN DP-7T MOLD (SLIM)	NSP
		021	AF000062	4680R-C011A	MOTOR(MECH)	SPINDLE JCL9B68 SANKYO FOR COM	
		022	AF000906	4681R-0037A	MOTOR ASSEMBLY	DECK/MECHA FEED DP-7A(DI)	
		024	AF000054	4470R-0131A	GEAR	PINION DP7C	
		024A	79096508	5006R-0044A	CAP	SKEW-T DP7C	
		024B	79096509	5006R-0043A	CAP	SKEW DP7C	
		025	79096518	4470R-0130A	GEAR	MIDDLE DP7C	
		026	AF000892	3390R-0026A	TRAY	DVD DP-7T MOLD DISC	
		028	79096520	4370R-0082B	SHAFT	DECK/MECHA PU R DP-7C OTHER	
		029	AF000049	4370R-0082A	SHAFT	PU DP-7C	
		030	79096517	4471R-0013C	GEAR ASSEMBLY	DECK/MECHA RACK DP-7C(7A) DI	
		031	79096646	6716DPH005A	PICK UP,DVD	PVR-502W MITSUMI PLAYER H/HIGH	
		031	AF000466	6716DPH005B	PICK UP,DVD	PVR-502W R52 0219 MITSUMI PLAY	
		429	79096221	1SZZR-0012A	SCREW,DRAWING	B-TITE	
		430	79097901	1SZZH-1003A	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/NIY 4.5MM	
		430	79097901	1SZZH-1003A	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/NIY 4.5MM	
		431	79096220	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		431	79096220	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		433	79096541	1SZZR-0050A	SCREW,DRAWING	+ 1 D2.0 L4.5 SWRCH16A/ZNY S-T	
		435	79097902	1SZZR-0011A	SCREW,DRAWING	MACHINE	
		S101	79096225	353-025C	SCREW,DRAWING	TAPTITE 3X10 FBK	
		S102	79096225	353-025C	SCREW,DRAWING	TAPTITE 3X10 FBK	
		S201	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		S202	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		S203	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		S204	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		S205	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		***	**PWB(PCB) ASSEMBLY , MAIN**	***			
		A46	AF000927	6871R-6560T	PWB(PCB) ASSEMBLY,TOTAL	LH-T6544 DVD RCVR MAIN TOTAL T	
		315	AF000908	4920R-E007B	HEAT SINK	AL EX 124X25 MAIN	
		C101	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C102	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C103	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C104	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C106	AF000849	0CE2276F618	CAPACITOR,FIXED ELECTROLYTIC	220UF SMS,SG 16V 20% FL TP 5	
		C107	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C108	79092026	0CH4330K412	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C109	79092026	0CH4330K412	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C110	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C111	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C112	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C113	79096139	0CE3356K618	CAPACITOR,FIXED ELECTROLYTIC	3.3UF SMS,SG 50V 20% FL TP 5	
		C114	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C115	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C201	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C202	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C203	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C206	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C207	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C208	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C211	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C212	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C213	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C214	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C221	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C222	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C223	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C224	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C225	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C231	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C232	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C233	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C234	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C239	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C240	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C241	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C243	79096595	0CH4561K412	CAPACITOR,FIXED CERAMIC(High d	560PF 50V 5% NP0 1608 R/TP	
		C244	79096595	0CH4561K412	CAPACITOR,FIXED CERAMIC(High d	560PF 50V 5% NP0 1608 R/TP	
		C245	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C251	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C252	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C253	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C254	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C255	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C257	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C258	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C259	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C260	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C261	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C262	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C263	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C264	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C265	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C266	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C267	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C268	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C269	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C270	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C271	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C272	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C273	79092019	0CH1333K562	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C274	79096596	0CH4471K412	CAPACITOR,CHIP[CERAMIC M/L TC	470PF 50V J NP0 1508 R/TP	
		C276	79092023	0CH4100K112	CHIP CAPA CERAMIC M/L T.C F/S	10P 50V D COG 1.6X0.8 R/TP	
		C277	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C278	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C279	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C280	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C281	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C282	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C283	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C291	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C292	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C293	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C295	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C296	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C301	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C302	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C303	AF000849	0CE2276F618	CAPACITOR,FIXED ELECTROLYTIC	220UF SMS,SG 16V 20% FL TP 5	
		C306	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C307	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C308	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C309	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C310	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C311	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C312	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C313	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C314	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C315	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C316	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C317	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C318	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C319	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C320	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C321	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C322	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C323	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C324	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C325	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C326	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C327	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C328	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C329	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C330	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C331	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C332	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C333	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C334	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C335	79096125	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C336	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C337	79096125	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C338	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C339	79096127	0CE108CC618	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 6.3V 20% TP 5 FL	
		C340	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C341	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C342	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C343	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C344	AF000104	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C344	79096119	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C345	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C346	AF000104	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C346	79096119	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C347	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C348	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C349	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C350	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C351	79096141	0CE4756K618	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C352	79096141	0CE4756K618	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C353	79096131	0CE2256K618	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C354	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C355	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C356	79096131	0CE2256K618	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C357	79096125	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C358	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C359	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C362	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C363	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C371	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C372	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C373	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C502	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C503	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C504	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C505	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C506	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C507	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C508	79092018	0CH1225F944	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C509	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C510	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C511	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C513	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C514	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C515	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C516	79092018	0CH1225F944	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C517	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C518	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C519	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C520	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C521	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C522	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C523	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C524	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C525	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C526	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C527	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C528	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C530	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C531	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C532	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C533	79098720	0CH4180K412	CAPACITOR,CHIP[CERAMIC M/L TC	18P 50V J COG 1.6X0.8 R/TP	
		C534	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C535	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C536	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C537	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C538	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C539	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C540	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C541	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C542	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C543	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C544	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C545	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C554	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C555	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C563	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C567	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C568	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C569	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C575	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C576	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C578	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C579	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C580	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C582	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C583	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C589	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C592	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5A1	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C5A2	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5C1	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C5C2	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5C4	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5C5	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5C6	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5C7	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5C8	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5C9	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C5E0	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C601	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C601	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C602	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C602	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C603	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C603	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C604	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C604	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C605	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C606	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C607	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C608	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C609	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C610	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C610	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C611	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C611	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C612	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C613	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C614	79096142	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C615	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C616	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C617	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C618	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C619	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C620	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C621	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C622	79096125	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C623	79096125	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C624	79096142	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C625	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C626	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C627	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C628	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C629	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C630	79096142	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C631	79096142	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C632	79096126	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C633	79096126	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C634	79092027	0CH4560K412	CAPA,CHIP CERAMIC M/L T.C F/S	56P 50V J COG 1.6X0.8 R/TP	
		C635	79092027	0CH4560K412	CAPA,CHIP CERAMIC M/L T.C F/S	56P 50V J COG 1.6X0.8 R/TP	
		C636	79096155	0CH4470K412	CAPA,CHIP CERAMIC M/L T.C F/S	47P 50V J COG 1.6X0.8 R/TP	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C637	79096155	0CH4470K412	CAPA,CHIP CERAMIC M/L T.C F/S	47P 50V J COG 1.6X0.8 R/TP	
		C638	79096118	0CE1066J618	CAPACITOR,ELECTROLYTIC	10M SMS 35V M FL TP(5)	
		C639	79096118	0CE1066J618	CAPACITOR,ELECTROLYTIC	10M SMS 35V M FL TP(5)	
		C640	79096118	0CE1066J618	CAPACITOR,ELECTROLYTIC	10M SMS 35V M FL TP(5)	
		C641	79096118	0CE1066J618	CAPACITOR,ELECTROLYTIC	10M SMS 35V M FL TP(5)	
		C642	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C643	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C644	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C645	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C646	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C647	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C651	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C652	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C653	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C654	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C655	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C661	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C662	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C663	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C664	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C666	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C667	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C701	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C702	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C703	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C704	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C705	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C706	AF000851	0CE337EK638	CAPACITOR,FIXED ELECTROLYTIC	330UF KMG 50V 20% FM5 TP 5	
		C707	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C708	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C709	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C710	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C712	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C713	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C716	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C717	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C719	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C720	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C721	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C722	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C723	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C724	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C725	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C726	AF000851	0CE337EK638	CAPACITOR,FIXED ELECTROLYTIC	330UF KMG 50V 20% FM5 TP 5	
		C727	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C728	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C729	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C730	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C732	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C733	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C735	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C737	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C738	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C740	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C741	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C742	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C743	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C744	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C745	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C746	AF000851	0CE337EK638	CAPACITOR,FIXED ELECTROLYTIC	330UF KMG 50V 20% FM5 TP 5	
		C747	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C748	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C749	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C751	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C752	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C754	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C755	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C756	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C757	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C758	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C759	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C760	AF000851	0CE337EK638	CAPACITOR,FIXED ELECTROLYTIC	330UF KMG 50V 20% FM5 TP 5	
		C761	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C762	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C763	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C764	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C769	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C782	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C783	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C784	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C785	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C786	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C787	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C788	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C789	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C790	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C791	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C792	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C793	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C801	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C802	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C803	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C804	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C805	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C806	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C807	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C808	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C809	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C810	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C811	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C812	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C813	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C814	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C901	79096137	0CE228EK650	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMG 50V 20% FM7.5 BULK	
		C903	79096157	0CK1040K945	CAPACITOR,CERAMIC (HIGH DIELEC	0.1M 50V Z F TS	
		C904	79096144	0CE4766K618	CAPACITOR,FIXED ELECTROLYTIC	47UF SMS,SG 50V 20% FL TP 5	
		C905	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C906	79096123	0CE107CK638	CAPACITOR,FIXED ELECTROLYTIC	100UF SHL,SD 50V 20% FM5 TP 5	
		C907	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C908	79096145	0CE476CD638	CAPACITOR,FIXED ELECTROLYTIC	47UF SHL,SD 10V 20% TP 5 FM5	
		C909	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C910	79096131	0CE2256K618	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C911	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		D012	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D101	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	
		D102	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	
		D103	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	
		D104	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		D105	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	
		D301	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	
		D601	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D602	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D901	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		F502	79096503	6200JB8010V	FILTER(CIRC),EMC	LFA20-2A1E473MT MITSUBISHI MAT	
		IC101	AF000865	0IMCRSA102A	IC,MICRO CONTROLLER	LC876848C-54K3 SANYO 100PIN QF	
		IC201	79096585	0ILNRNF006A	IC,LINEAR	MT1336E/BP MEDIATEK INCORPORAT	
		IC202	79096576	0IPRPSA010A	IC,PERIPHERALS	LA6560-A-TE-L SANYO HSOP-36R R	
		IC301	AF000529	0IPMGPV002A	IC,POWER MANAGEMENT	PS9818 PULSUS 100PIN,QFP TRAY	
		IC302	AF000870	0IPRPAK007A	IC,PERIPHERALS	AK5365VQ AKM 44 PIN LQFP TRAY	
		IC303	AF000869	0IPRPAK006A	IC,PERIPHERALS	AK4117VF-E2 AKM 24 PIN VSOP R/	
		IC501	AF000154	0ILNRNF008B	IC,LINEAR	MT1379EEC,EEC/CA MEDIATEK INCO	
		IC505	79096693	0ISS240210A	IC,SAMSUNG ELECTRONICS	S524A40X21-SCT0 SOP8 TP EEPROM	
		IC506	AF000264	0IMMRHY001E	IC,MEMORIES	HY57V641620HGT-7 HYUNDAI 54PIN	
		IC5A1	AF000707	0IMMRHY040D	IC,MEMORIES	HY29DL163TT-70 HYNIX 48PIN,TSO	
		IC5A1	AF000186	0IMMRFU011A	IC,MEMORIES	MBM29LV160TE70NC FUJITSU 48PIN	
		IC5C1	79096577	0IPRPMT008A	IC,PERIPHERALS	MM1623XFBE MITSUMI 28PIN SOP R	
		IC601	79098737	0IJR458000B	IC,JRC	NJM4580M 8,DMP8 TP OP AMP 2K/R	
		IC602	AF000864	0IJR229600A	IC,JRC	NJM2296M 16P SOP TP VIDEO SW 5	
		IC701	79097530	0IPRPSG009A	IC,PERIPHERALS	STA505-5C SGS-THOMSON 36P SOP	
		IC702	79097530	0IPRPSG009A	IC,PERIPHERALS	STA505-5C SGS-THOMSON 36P SOP	
		IC703	AF000871	0IPRPSG024A	IC,PERIPHERALS	STA501 STM 36PIN,SOP R/TP 40V	
		IC704	79097530	0IPRPSG009A	IC,PERIPHERALS	STA505-5C SGS-THOMSON 36P SOP	
		J6	AF000912	561-711D	CONNECTOR (CIRC),HOUSING	GIL-S-04P-S2T2-EF LG CABLE 4PI	
		JK301	AF000638	6612K00010A	JACK,FIBER OPTIC	PLR131/T5(RECEIVER-13.2M) EVER	
		JK601	AF000916	6612JH002UD	JACK,RCA	RCA/DIN-45G YUQIU LH-T6540/T64	
		JK602	AF000917	6612R-K001E	JACK,RCA	RGB-08A YUQIU 1F(BK) W/SHIELD	
		JK701	AF000921	664000009AA	TERMINAL BLOCK	PTB-1201C-02 yuqiu 6P AC450V 1	
		L101	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L201	79096571	0LR0102J025	INDUCTOR,RADIAL LEAD	10UH 5% 4X5 TR5	
		L202	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L203	79096571	0LR0102J025	INDUCTOR,RADIAL LEAD	10UH 5% 4X5 TR5	
		L204	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L231	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L251	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L261	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L262	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L264	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L265	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L291	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L292	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L301	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L306	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L307	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L308	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L309	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L310	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L311	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L312	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L313	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L314	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L315	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L316	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L318	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L501	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L502	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L504	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L505	AF000872	0LC0233002E	INDUCTOR,CHIP	HB-1H1608-221 CERATECH R/TP	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L5C1	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L601	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L602	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L603	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L604	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L605	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L606	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L607	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L609	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L610	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L611	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L612	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L613	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L614	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L615	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L616	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L617	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L618	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L620	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L621	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L622	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L701	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L702	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L703	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L704	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L705	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L706	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L707	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L708	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L709	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L710	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L711	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L901	79096241	6140RCC002A	COIL,CHOKE	20UH/6A BAR CORE 20UH KWANGS	
		L902	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L903	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		PDM01	AF000778	6630XE00123	CONNECTOR (CIRC),FFC/FPC	04-6232-023-010-000/JE500-B1.0	
		PDM02	AF000777	6630XE00111	CONNECTOR (CIRC),FFC/FPC	04-6232-011-010-000/JE500-B1.0	
		PN103	79097584	6630XE01224	CONNECTOR (CIRC),FFC/FPC	04-6232-024-010-000 ELCO 24P 1	
		PN104	AF000778	6630XE00123	CONNECTOR (CIRC),FFC/FPC	04-6232-023-010-000/JE500-B1.0	
		PN901	79097578	6630R-BF07J	CONNECTOR (CIRC),BOARD TO BOAR	117-A8T-10 JAE EUN 10PIN 2-54M	
		PN902	AF000919	6630R-BF07N	CONNECTOR (CIRC),BOARD TO BOAR	JE117-A8T-14 JAE EUN 14P 2.54M	
		Q101	79098775	0TR103009AE	TRANSISTOR,BIPOLARS	KRC103M(KRC1203) KEC TP TO92M	
		Q201	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q202	79096542	0TRRH80042A	TRANSISTOR,BIPOLARS	2SK3018 T106 ROHM KOREA R/TP U	
		Q203	79096542	0TRRH80042A	TRANSISTOR,BIPOLARS	2SK3018 T106 ROHM KOREA R/TP U	
		Q204	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q205	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q501	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q601	79098775	0TR103009AE	TRANSISTOR,BIPOLARS	KRC103M(KRC1203) KEC TP TO92M	
		Q602	AF000884	0TR126709AB	TRANSISTOR,BIPOLARS	KTA1267-Y KEC TP TO92M -50V -1	
		Q603	79098775	0TR103009AE	TRANSISTOR,BIPOLARS	KRC103M(KRC1203) KEC TP TO92M	
		Q604	79095006	0TR319809AC	TRANSISTOR	KTC3198-TP-BL (KTC1815)KEC	
		Q605	79097534	0TR130209AA	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q606	79097534	0TR130209AA	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q607	79098775	0TR103009AE	TRANSISTOR,BIPOLARS	KRC103M(KRC1203) KEC TP TO92M	
		Q901	79097533	0TR128109AA	TRANSISTOR	KTA1281Y TP KEC TO-92L	
		Q902	79097535	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q903	79097535	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q904	79095006	0TR319809AC	TRANSISTOR	KTC3198-TP-BL (KTC1815)KEC	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		Q905	79098776	0TR103009AF	TRANSISTOR,BIPOLARS	KRA103M(KRA2203) KEC TP TO92M	
		R101	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R102	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R103	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R104	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R105	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R106	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R107	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R108	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R110	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R111	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R112	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R113	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R114	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R115	79093030	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R116	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R117	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R118	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R119	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R120	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R121	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R122	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R123	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R124	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R125	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R126	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R127	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R128	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R129	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R130	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R131	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R132	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R133	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R134	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R135	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R136	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R137	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R138	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R139	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R140	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R141	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R142	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R143	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R144	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R145	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R146	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R147	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R148	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R149	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R150	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R151	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R152	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R153	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R154	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R155	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R201	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R202	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R203	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R204	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R205	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R206	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R207	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R208	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R209	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R210	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R211	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R212	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R213	79096553	0RH3903C622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 16 W 1608 5.00% D	
		R214	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R215	79096553	0RH3903C622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 16 W 1608 5.00% D	
		R216	79096565	0RH0101C622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 16 W 1608 5.00% D	
		R217	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R218	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R220	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R221	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R231	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R232	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R233	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R234	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R235	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R236	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R237	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R238	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R239	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R240	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R241	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R242	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R243	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R244	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R245	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R246	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R251	79096215	0RH3302C622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R252	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R253	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R254	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R255	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R256	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R257	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R258	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R259	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R291	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R292	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R293	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R294	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R295	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R296	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E2	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E3	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E4	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E5	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E6	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E7	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R301	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R302	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R303	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R304	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R305	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R306	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R307	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R308	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R309	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R310	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R311	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R312	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R313	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R314	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R315	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R316	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R317	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R318	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R319	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R320	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R321	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R322	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R323	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R324	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R325	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R326	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R327	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R328	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R329	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R330	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R331	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R332	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R333	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R334	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R335	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R336	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R337	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R338	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R339	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R340	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R341	79096210	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R342	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R343	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R344	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R345	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R346	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R347	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R348	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R349	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R350	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R351	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R352	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R353	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R354	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R355	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R356	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R357	AF000881	0RH2402C622	RESISTOR,METAL GLAZED(CHIP)	24K OHM 1 / 16 W 1608 5.00% D	
		R358	AF000881	0RH2402C622	RESISTOR,METAL GLAZED(CHIP)	24K OHM 1 / 16 W 1608 5.00% D	
		R359	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R360	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R361	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R362	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R363	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R364	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R365	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R366	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R367	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R368	79096210	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R501	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R502	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R503	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R504	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R505	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R506	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R507	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R508	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R509	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R510	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R511	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R512	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R513	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R515	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R515	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R516	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R516	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R517	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R517	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R518	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R518	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R519	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R519	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R520	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R520	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R522	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R522	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R523	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R524	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R525	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R526	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R527	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R528	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R529	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R534	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R535	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R550	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R551	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R552	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R553	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R564	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R565	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R566	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R567	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R570	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R571	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R573	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R574	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R575	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R576	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R577	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R578	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R579	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R580	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R581	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R593	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R5A7	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5A9	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C1	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R5C3	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R5C4	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R5C5	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R5C6	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R5C9	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R5E1	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R601	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R602	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R603	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R604	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R605	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R606	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R607	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R608	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R609	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R610	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R611	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R612	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R613	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R614	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R615	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R616	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R617	79096352	0RH1800D622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 10 W 2012 5.00% D	
		R618	79096364	0RH4700D622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 10 W 2012 5.00% D	
		R619	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R620	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R621	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R625	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R626	79096690	0RH8200C622	RESISTOR,METAL GLAZED(CHIP)	820 OHM 1 / 16 W 1608 5.00% D	
		R627	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R628	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R629	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R630	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R631	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R632	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R632	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R633	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R634	79096210	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R635	79096210	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R636	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R637	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R637	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R638	AF000320	0RH6802C622	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R639	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R640	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R641	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R642	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R643	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R644	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R645	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R646	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R647	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R648	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R649	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R650	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R651	AF000320	0RH6802C622	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R652	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R653	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R661	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R662	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R663	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R664	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R665	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R667	AF000668	0RH0122D622	RESISTOR,METAL GLAZED(CHIP)	12 OHM 1 / 10 W 2012 5.00% D	
		R669	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R670	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R671	AF000715	0RH1200C622	RESISTOR,METAL GLAZED(CHIP)	120 OHM 1 / 16 W 1608 5.00% D	
		R701	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R702	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R703	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R704	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R705	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R706	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R707	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R708	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R709	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R710	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R711	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R712	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R713	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R714	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R715	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R716	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R717	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R718	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R719	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R720	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R721	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R722	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R723	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R724	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R725	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R726	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R727	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R728	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R729	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R730	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R731	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R732	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R733	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R734	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R735	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R736	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R737	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R738	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R739	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R740	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R741	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R742	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R743	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R744	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R745	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R746	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R747	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R748	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R749	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R750	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R751	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R752	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R753	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R754	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R755	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R756	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R757	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R758	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R759	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R760	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R761	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R901	79096358	0RH2701D622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 10 W 2012 5.00% D	
		R902	79096367	0RH5600D622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 10 W 2012 5.00% D	
		R903	AF000882	0RH3903D622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 10 W 2012 5.00% D	
		R904	AF000017	0RH3302D622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 10 W 2012 5.00% D	
		R905	79096357	0RH2202D622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 10 W 2012 5.00% D	
		R906	79096344	0RH1001D622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 10 W 2012 5.00% D	
		R907	79096344	0RH1001D622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 10 W 2012 5.00% D	
		SW101	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW601	79098797	6600R-SH18A	SWITCH,TACT	CSS-4206 CHANGSHIN DC 30 V 10	
		TU01	AF000922	6700FM0096A	TUNER	KST-ML104MV1-60L(4GANG-RDS-CE)	
		X101	79097565	6212AA2983C	RESONATOR,CRYSTAL	HC-49S BUBANG 9.8304MHZ +/- 30	
		X301	79097564	6204R-HK01C	OSCILLATOR	KXO-210 BUBANG AXIAL 12.288MHZ	
		X501	79097346	6202R-BL06C	RESONATOR,CRYSTAL	HC-49/S BUBANG 27MHZ 20PPM 15	
		ZD101	AF000863	0DZ910009AG	DIODE,ZENER	GDZJ9.1C TP GRANDE DO-34 500MW	
		ZD601	AF000861	0DZ512609BA	DIODE,ZENER	UZ-5.1BSB 26MM TP PYUNG CHANG	
		ZD901	79096589	0DZ300000MB	DIODE,ZENERS	UZ-30BSC 26MM PYUNG CHANG TP D	
		ZD902	AF000862	0DZ752609AA	DIODE,ZENER	GDZJ7.5B 26MM TP GRANDE DO34	
		ZD903	79097511	0DZ270009BC	DIODE,ZENER	GDZJ2.7A TP GRANDE DO34 500MW	
		*** PWB(PCB) ASSEMBLY , TOTAL FRONT ***					
		A50	AF000928	6871R-6645A	PWB(PCB) ASSEMBLY,TOTAL	LH-T6544 DVD RCVR FRONT PART T	
		C001	79096133	0CE2273D638	CAPACITOR,ELECTROLYTIC	220M SRE 10V M FM5 TP(5)	
		C002	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C003	790971234	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C003	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C004	790971234	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C004	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C005	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C006	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C007	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C008	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		JK001	79097570	6612R-A002A	JACK,PHONE	PPJ35G PARK ELEC. ST BLACK	
		LD001	79098732	0DL325319AA	LED	SPR325MVWT31 TP ROHM GREEN/RED	
		PN001	AF000920	6630R-FB05X	CONNECTOR (CIRC),FFC/FPC	00-6232-024-104-800 ELCO 24PIN	
		PN002	79097581	6630R-FB05W	CONNECTOR (CIRC),FFC/FPC	00-6232-023-104-800 ELCO 23PIN	
		Q001	AF000210	0TR120309AE	TRANSISTOR	SRC1203 TP AUK TO92 22K,22K	
		Q002	79096544	0TR220309AF	TRANSISTOR	SRA2203 TP AUK TO92 22K,22K	
		R029	79098762	0RD3301F608	RESISTOR,FIXED CARBON FILM	3.3K OHM 1/6 W 5% TA26	
		R031	79093003	0RD1000F608	RESISTOR,FIXED CARBON FILM	100 OHM 1/6 W 5% TA26	
		R032	79093004	0RD1001F608	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5% TA26	
		R033	79093004	0RD1001F608	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5% TA26	
		R034	79093017	0RD4701F608	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5% TA26	
		R035	79093005	0RD1002F608	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5% TA26	
		R036	79098761	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R037	79098760	0RD1501F608	RESISTOR,FIXED CARBON FILM	1.5K OHM 1/6 W 5% TA26	
		R038	79093007	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R038	79096185	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R039	79098765	0RD8200F608	RESISTOR,FIXED CARBON FILM	820 OHM 1/6 W 5% TA26	
		R040	79098764	0RD6800F608	RESISTOR,FIXED CARBON FILM	680 OHM 1/6 W 5% TA26	
		R041	AF000875	0RD0681F608	RESISTOR,FIXED CARBON FILM	6.8 OHM 1/6 W 5.00% TA26	
		RMC001	AF000206	6712R2038GF	REMOTE CONTROLLER RECEIVER	TSOP4838SJ1 VISHAY 38KHZ	
		SW001	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW002	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW003	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW004	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW005	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW006	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW007	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		VFD001	AF000915	6302R-V240A	DIGITRON	FV821N FV821N SEG VFD LH-T6340	
		VR001	79097560	6110S-ET01A	VOLUME,ENCODER	EC16B242040M ALPS - D=16 V 24	
		*** SPEAKER ASSEMBLY , V55HTC ***					
		A700	AF000630	6401RM0118A	SPEAKER ASSEMBLY	F20T-D243 KEP TOSHIBA LHS-C444	
		751	AF000564	3530RMP030A	GRILLE	LHS-C444C PRESS PUNCHING META	
		752	AF000582	3720RMF093A	PANEL,FRONT	SPK LHS-C444C MOLD (TOSHIBA)	
		753	AF000627	6400PKEX01A	SPEAKER,FULLRANGE	N1012C-5945-5 KEP PIEZO 0OHM 0	
		754	AF000594	4766RM0004A	FELT	Audio W/F,FE-3500SE 240X7X1T B	
		755	AF000570	353M056D	SCREW	TRQ 3.5X8 FBK	
		756	AF000628	6400WETC01A	SPEAKER,WOOFER	08P60EHC1390J EAW WOOFER 8 OHM	
		757	AF000565	353M025G	SCREW,DRAWING	TAPTITE, 3X10 FZMY	
		758	AF000567	353M025X	SCREW,DRAWING	+ 1 D3.5 L12.0 FZMY2 BLK	
		759	AF000550	3110RMP055A	CASE	LHS-C444C MOLD REAR(TOSHIBA)	
		760	AF000653	6871RU4116B	PWB(PCB) ASSEMBLY,SUBSET(AUDIO	FE-3620TE 2P NEW TERMINAL 150M	
		*** SPEAKER ASSEMBLY , V55HTS ***					
		A800	AF000631	6401RM0119A	SPEAKER ASSEMBLY	F20T-D243 KEP TOSHIBA LHS-C444	
		851	AF000563	3530RMP029A	GRILLE	LHS-C444T PRESS PUNCHING METAL	
		852	AF000581	3720RMF092A	PANEL,FRONT	SPK LHS-C444T MOLD (TOSHIBA)	
		853	AF000627	6400PKEX01A	SPEAKER,FULLRANGE	N1012C-5945-5 KEP PIEZO 0OHM 0	
		854	AF000594	4766RM0004A	FELT	Audio W/F,FE-3500SE 240X7X1T B	
		855	AF000570	353M056D	SCREW	TRQ 3.5X8 FBK	
		856	AF000628	6400WETC01A	SPEAKER,WOOFER	08P60EHC1390J EAW WOOFER 8 OHM	
		857	AF000586	3806RM0006B	COVER	FE-3620TE AIR PLATE	
		858	AF000565	353M025G	SCREW,DRAWING	TAPTITE, 3X10 FZMY	
		859	AF000549	3110RMP054A	CASE	LHS-C444T MOLD REAR(TOSHIBA)	
		860	AF000567	353M025X	SCREW,DRAWING	+ 1 D3.5 L12.0 FZMY2 BLK	
		861	AF000653	6871RU4116B	PWB(PCB) ASSEMBLY,SUBSET(AUDIO	FE-3620TE 2P NEW TERMINAL 150M	
		*** SPEAKER ASSEMBLY , V55HTW ***					
		A900	AF000632	6401RM0120A	SPEAKER ASSEMBLY		
		951	AF000583	3720RMF094A	PANEL,FRONT	SPK LHS-C444W MOLD (TOSHIBA)	
		952	AF000614	5208RM0048A	DUCT	SPK LHS-C444W MOLD (TOSHIBA)	
		953	AF000569	353M050M	SCREW,DRAWING	+ 2 D3.5 L10.0 MSWR3/FZY	
		954	AF000613	5208RM0008A	DUCT	PAPER PIPE FE-5620WE PHI 65 X	
		955	AF000579	3701RM0108A	NET ASSEMBLY	SPK LHS-C444W JERSEY NET ASSY	
		956	AF000568	353M050C	SCREW,DRAWING	BH 3.5X16 FBK	
		957	AF000629	6400WETN01A	SPEAKER,WOOFER	18P90EHC1391 EAW WOOFER 4 OHM	
		958	AF000548	3091RMW108A	CABINET ASSEMBLY	SPK LHS-C444W WOOD	
		960	AF000929	6871RU9271F	PWB(PCB) ASSEMBLY		
		961	AF000575	3610RM0039A	FOOT	SPK LHS-C444W MOLD BOTTOM(TOSH	
		962	AF000576	3610RM0040A	FOOT	SPK LHS-C444W OTHER RUBBER (TO	

NOTES) ⚠ Warning
Parts that are shaded are critical
With respect to risk of fire or
electricial shock.

SECTION 6 REPLACEMENT PARTS LIST

TOSHIBA MODEL : SD-44HKSB

NSP : Not avallable as service parts.

RUN DATE : 07-SEP-04

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		*** INDIVIDUAL PARTS ***					
		265	AF000910	4940RLV002A	KNOB	VOLUME	
		266	AF000900	3858RLX002A	SHEET (MECH)	CDT F_PCB 96.2 X 49.5 X 0.5 [	
		267	AF000890	3300RCH001B	PLATE	DKS-5000 PRESS GND 14MM	
		268	AF000891	3300RCH018A	PLATE	LH-T6440 OTHER SMPS SHIELD(SHE	
		275	AF000893	3581RLT001A	DOOR ASSEMBLY	HOME THEATER DVD [LH-T6544/TSB	
		301	AF000894	3720RCP049Q	PANEL,AUDIO	HOME THEATER BACK [LH-T6544/TS	
		302	AF000889	3140RCH018A	CHASSIS	LH-T6440/T6540 PRESS	
⚠		305	79097567	6410RBHV05B	POWER CORD	MP5004A(HS-ST:250MM) VOLEX BS	
		351	AF000888	3090RCH013B	CABINET	LH-T6441 PRESS NO BRAND, PCM 0	
		452	AF000888	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUND	
		454	79096225	353-025C	SCREW,DRAWING	TAPTITE 3X10 FBK	
		S201	79096225	353-025C	SCREW,DRAWING	TAPTITE 3X10 FBK	
		S202	79096225	353-025C	SCREW,DRAWING	TAPTITE 3X10 FBK	
		S301	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		S302	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		S303	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		S304	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		S305	79096043	353-051G	SCREW,DRAWING	+ 2 D3.0 L8.0 MSWR3/FN TB ROUN	
		*** PANEL ASSEMBLY , FRONT ***					
		A43	AF000896	3721RLM018A	PANEL ASSEMBLY,AUDIO	HOME THEATER FRONT [LH-T6544/T	
		250	AF000895	3720RLM002A	PANEL,AUDIO	HOME THEATER FRONT [LH-T6544/T	
		263	AF000901	3858R-X247A	SHEET (MECH)	CDT FL 89.9 X 13.2 X 0.5 [LH-T	
		264	AF000897	3790R-P102A	WINDOW,DECO	HOME THEATER DISPLAY[LH-T6544/	
		*** PACKING ACCESSORY ***					
		801	AF000898	3835RH0050W	INSTRUCTION ASSEMBLY	HOME LH-T6544D NA4UTTS	
		802	AF000903	3890RCC164A	BOX	LH-T6544D NA4UTTS DW2 TOSHIBA	
		803	AF000905	3920R-E124A	PACKING	HOME LH-T6544 180 AUDIO	
		804	AF000902	3880SCS001E	BAG	EPE 600 500 0.03 AUDIO FOR SET	NSP
		808	79096451	534-008C	BATTERY,MANGANESE	AAAM(R03) SEOTONG 1-5 V - 1PA	
		811	79098903	564-017B	PLUG ASSEMBLY	PHONO CORD 1WAY (YL)	
		813	AF000911	5010R-D002A	ANTENNA,LEAD	FM ANT FIA-101C KWANG SUNG L=1	
		814	79097555	5010R-L002B	ANTENNA,LOOP	S0160BL-09 (LS0160BL-X000009-0	
		*** REMOTE CONTROLLER ***					
		900	AF000923	6710CDAG03A	REMOTE CONTROLLER	DA1 66KEY DONGDO LH-T6544 TOSH	
		*** PWB(PCB) ASSEMBLY , TOTAL SMPS ***					
		A47	AF000926	6871R-6540D	PWB(PCB) ASSEMBLY,TOTAL	LH-T6540 SMPS WIDE TOTAL ASSY	
		313	AF000907	4920RCE034B	HEAT SINK	AL EX 33*29.5*17 LH-T6541	
		454	79096225	353-025C	SCREW,DRAWING	TAPTITE 3X10 FBK	
		BD901	AF000856	0DRGS00360A	DIODE,RECTIFIERS	GBU6J GENERAL SEMICONDUCTOR BK	
		BD901	AF000855	0DRFC00181A	DIODE,RECTIFIERS	GBU6J FAIR CHILD ST GBU 600V 6	
⚠		C900	79096279	0CG1020U630	CAPACITOR,SEMI CERAMIC	1000PF 400V M E(Z5U) R	
⚠		C901	79096279	0CG1020U630	CAPACITOR,SEMI CERAMIC	1000PF 400V M E(Z5U) R	
⚠		C902	79096279	0CG1020U630	CAPACITOR,SEMI CERAMIC	1000PF 400V M E(Z5U) R	
		C904	AF000852	0CE337RV6A0	CAPACITOR,FIXED ELECTROLYTIC	330UF KMH 450V 20% VNSN BULK	
		C905	79092033	0CQ1031Y519	CAPACITOR,FIXED FILM	0.01UF D 630V 10% PE NI TP5	
		C907	AF000104	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C907	79096119	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C908	79096144	0CE4766K618	CAPACITOR,FIXED ELECTROLYTIC	47UF SMS,SG 50V 20% FL TP 5	
		C909	79096167	0CQ4721N409	CAPACITOR,FIXED FILM	0.0047UF D 100V 5% PE TP5	
		C910	79096163	0CQ1031N409	CAPACITOR,FIXED FILM	0.01UF D 100V 5% PE TP5	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C911	79096144	0CE4766K618	CAPACITOR,FIXED ELECTROLYTIC	47UF SMS,SG 50V 20% FL TP 5	
		C912	79096166	0CQ2721N409	CAPACITOR,FIXED FILM	0.0027UF D 100V 5% PE TP5	
		C913	AF000507	0CF56111410	CAPACITOR,FIXED FILM	560PF D 1KV 5% PE NI BULK	
		C914	79096164	0CQ1041N409	CAPACITOR,FIXED FILM	0.1UF D 100V 5% PE TP5	
		C915	79096168	0CQ4731N409	CAPACITOR,FIXED FILM	0.047UF D 100V 5% PE TP5	
		C922	79096131	0CE2256K618	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C923	AF000848	0CE108BD630	CAPACITOR,FIXED ELECTROLYTIC	1000UF KME TYPE 10V 20% FM5 BU	
		C924	79096130	0CE108EH610	CAPACITOR,FIXED ELECTROLYTIC	1000UF KMG 25V 20% BULK FL	
		C925	AF000848	0CE108BD630	CAPACITOR,FIXED ELECTROLYTIC	1000UF KME TYPE 10V 20% FM5 BU	
		C926	AF000847	0CE1076H618	CAPACITOR,ELECTROLYTIC	100M SMS 25V M FM5 TP(5)	
		C927	79096121	0CE1076K618	CAPACITOR,ELECTROLYTIC	100UF SMS 50V M FL TP5	
		C928	79096128	0CE108CD638	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 10V 20% TP 5 FM5	
		C929	79096140	0CE337EH638	CAPACITOR,FIXED ELECTROLYTIC	330UF KMG 25V 20% FM5 TP 5	
		C930	79096128	0CE108CD638	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 10V 20% TP 5 FM5	
		C932	79096127	0CE108CC618	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 6.3V 20% TP 5 FL	
		C933	AF000849	0CE2276F618	CAPACITOR,FIXED ELECTROLYTIC	220UF SMS,SG 16V 20% FL TP 5	
		C934	79096127	0CE108CC618	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 6.3V 20% TP 5 FL	
		C935	79092002	0CE1076F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SMS,SG 16V 20% FM5 TP 5	
		C936	79092002	0CE1076F638	CAPACITOR,FIXED ELECTROLYTIC	100UF SMS,SG 16V 20% FM5 TP 5	
		C941	AF000850	0CE3376F618	CAPACITOR,ELECTROLYTIC	330M SMS 16V M FM5 TP5	
		C942	79096131	0CE2256K618	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C943	79096117	0CE1056K618	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FL TP 5	
		C944	AF000104	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C944	79096119	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C951	AF000502	0CE228ZK610	CAPACITOR,FIXED ELECTROLYTIC	2200UF LXV DOWN 50V 20% FL BUL	
		C952	AF000502	0CE228ZK610	CAPACITOR,FIXED ELECTROLYTIC	2200UF LXV DOWN 50V 20% FL BUL	
		C953	AF000502	0CE228ZK610	CAPACITOR,FIXED ELECTROLYTIC	2200UF LXV DOWN 50V 20% FL BUL	
		C954	79096243	624-087D	CAPACITOR	HI-VOL 470P/1KVDC SMPS SAMHWA	
⚠		CM901	79096244	624-088L	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
⚠		CM902	79096244	624-088L	CAPACITOR,DRAWING	435D SUNIL ELECTRONICS 0.1UF/2	
		CN901	79097576	6630R-BF03J	CONNECTOR (CIRC),BOARD TO BOAR	JE121-10 JAE EUN 10PIN 2-54MM	
		CN902	AF000918	6630R-BF03N	CONNECTOR (CIRC),BOARD TO BOAR	JE121-14 JAE EUN 14P 2.54MM	
		D122	AF000700	0DRFC00191A	DIODE,RECTIFIERS	FFPF30U20STU FAIR CHILD ST TO2	
		D122	AF000517	0DRFC00171A	DIODE,RECTIFIERS	FFPF20U20STU FAIR CHILD ST TO2	
		D901	79096002	0DD010009CA	DIODE,RECTIFIERS	EG01C TP SANKEN - - - - - -	
		D902	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D903	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D911	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D912	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D921	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D922	AF000858	0DRVH00030A	DIODE,RECTIFIERS	SB360 VISHAY BK DO201AD 60V 3A	
		D923	AF000857	0DRVH00020A	DIODE,RECTIFIERS	UG4D VISHAY BK DO201AD 200V 4A	
		D924	AF000858	0DRVH00030A	DIODE,RECTIFIERS	SB360 VISHAY BK DO201AD 60V 3A	
		D926	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D927	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D928	79097510	0DS141489AB	DIODE,SWITCHING	1N4148 TP GRANDE - 20V - - - -	
		D929	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D932	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D933	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D941	79096001	0DD010009AC	DIODE,RECTIFIERS	EU01W(R-FORM) TP SANKEN	
		D942	AF000854	0DD540200CA	DIODE,RECTIFIERS	1N5402 BK LITEON - - -201A - -	
⚠		F901	AF000184	0FS5001B51D	FUSE,SLOW BLOW	5000MA 250 V 5.2X20 CY/GL KS/J	
		FB901	79091008	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		FB902	79091008	636-004C	FILTER(CIRC),EMC	BEAD CORE BFS3550R2FD8,R T/P	
		FH900A	79098790	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
		FH900B	79098790	586-008B	HOLDER	FUSE CLIP TP SINSUNG	
		IC901	AF000867	0IPMGFA058A	IC,POWER MANAGEMENT	FSDM0365RN FAIRCHILD 8PIN,DIP	
		IC902	AF000188	0IPMGFA035A	IC,POWER MANAGEMENT	KA5Q1265RF-YDTU FAIRCHILD TO-3	
		IC921	AF000866	0IPMGFA006C	IC,POWER MANAGEMENT	KA378R05-TSTU FAIRCHILD 4PIN,T	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		IC922	79098750	0IPMGFA017A	IC,POWER MANAGEMENT	KA78R12TSTU FAIRCHILD 4P TO-22	
		IC923	79098748	0IPMGFA015A	IC,POWER MANAGEMENT	KA78R33TSTU FAIRCHILD 4P TO-22	
		IC924	AF000868	0IPMGKE009C	IC,POWER MANAGEMENT	KIA7808API-CU KEC 3P TO-220 ST	
		IC941	79094020	0ISS431000A	IC,SAMSUNG ELECTRONICS	KA431AZ (LM431AZ)	
		IC942	79094020	0ISS431000A	IC,SAMSUNG ELECTRONICS	KA431AZ (LM431AZ)	
		L921	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
		L922	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
		L923	79091007	633-088G	COIL,CHOKE	22MH TOKO 5MM TP	
⚠		LF901	AF000621	6200JB8013N	FILTER(CIRC),EMC	SQE2828 KWANGSUNG BK 30MH LH-A	
⚠		LF902	AF000621	6200JB8013N	FILTER(CIRC),EMC	SQE2828 KWANGSUNG BK 30MH LH-A	
⚠		PC910	79094030	657-063A	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
		PC911	79094030	657-063A	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
⚠		PC912	79094030	657-063A	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
		PN901	79096066	561-292B	CONNECTOR(CIRC),DRAWING	GP390 LGC 3P 3.96 STRAIGHT SN	
		Q910	79097532	0TR126809BA	TRANSISTOR,BIPOLARS	KTA1268-BL TP KEC	
		Q921	79097535	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q922	79095003	0TR127309AA	TRANSISTOR	KTA1273-TP-Y (KTA966A)KEC	
		R900	79093009	0RD1504H632	RESISTOR,FIXED CARBON FILM	1.5M OHM 1/2 W 5.00% MF10	
		R901	79093055	0RS5602K619	RESISTOR,FIXED METAL OXIDE FIL	56K OHM 2 W 5.00% TR	
		R902	79097164	0RD0102F608	RESISTOR,FIXED CARBON FILM	10 OHM 1/6 W 5% TA26	
		R903	79097165	0RD0182F608	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R904	79093018	0RD4702F608	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5% TA26	
		R905	79093018	0RD4702F608	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5% TA26	
		R906	79097164	0RD0102F608	RESISTOR,FIXED CARBON FILM	10 OHM 1/6 W 5% TA26	
		R909	AF000883	0RS1003K619	RESISTOR,FIXED METAL OXIDE FIL	100K OHM 2 W 5.00% TR	
		R911	79098764	0RD6800F608	RESISTOR,FIXED CARBON FILM	680 OHM 1/6 W 5% TA26	
		R912	79097185	0RD5600F608	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5% TA26	
		R913	79093014	0RD3300F608	RESISTOR,FIXED CARBON FILM	330 OHM 1/6 W 5% TA26	
		R921	AF000874	0RD0562F608	RESISTOR,FIXED CARBON FILM	56 OHM 1/6 W 5% TA26	
		R922	79096339	0RD2700F608	RESISTOR,FIXED CARBON FILM	270 OHM 1/6 W 5% TA26	
		R932	AF000876	0RD1203F608	RESISTOR,FIXED CARBON FILM	120K OHM 1/6 W 5% TA26	
		R933	79097185	0RD5600F608	RESISTOR,FIXED CARBON FILM	560 OHM 1/6 W 5% TA26	
		R934	AF000878	0RD3902F608	RESISTOR,FIXED CARBON FILM	39K OHM 1/6 W 5% TA26	
		R941	AF000874	0RD0562F608	RESISTOR,FIXED CARBON FILM	56 OHM 1/6 W 5% TA26	
		R942	79093004	0RD1001F608	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5% TA26	
		R943	79096340	0RD2701F608	RESISTOR,FIXED CARBON FILM	2.7K OHM 1/6 W 5% TA26	
		R944	AF000877	0RD2001F608	RESISTOR,FIXED CARBON FILM	2K OHM 1/6 W 5% TA26	
		R945	79096337	0RD1500F608	RESISTOR,FIXED CARBON FILM	150 OHM 1/6 W 5% TA26	
		R946	79096338	0RD1802F608	RESISTOR,FIXED CARBON FILM	18K OHM 1/6 W 5% TA26	
		R947	79093007	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R947	79096185	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R948	79096339	0RD2700F608	RESISTOR,FIXED CARBON FILM	270 OHM 1/6 W 5% TA26	
		R949	79093016	0RD4700F608	RESISTOR,FIXED CARBON FILM	470 OHM 1/6 W 5% TA26	
		R950	79093017	0RD4701F608	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5% TA26	
		R951	79096566	0RD2202F608	RESISTOR,FIXED CARBON FILM	22K OHM 1/6 W 5% TA26	
		R952	79096566	0RD2202F608	RESISTOR,FIXED CARBON FILM	22K OHM 1/6 W 5% TA26	
		R953	79096566	0RD2202F608	RESISTOR,FIXED CARBON FILM	22K OHM 1/6 W 5% TA26	
		R954	79096566	0RD2202F608	RESISTOR,FIXED CARBON FILM	22K OHM 1/6 W 5% TA26	
		R955	AF000873	0RD0561F608	RESISTOR,FIXED CARBON FILM	5.6 OHM 1/6 W 0.05 TA26	
⚠		T901	AF000914	6170RNGW17U	TRANSFORMER,SMPS[COIL]	EER3435 KWANGSUNG 480UH	
⚠		T902	AF000913	6170RNGW17N	TRANSFORMER,SMPS[COIL]	EER4220S ACE 450 UH LH-T1000	
		TH901	AF000626	6322B62204A	THERMISTOR,PTC	NTPAN4R0LDRB0 MURATA 4.0OHM 15	
		VR901	79097559	6102R2A002A	VARISTOR,DRAWING	SVR10D-471 SW-D-204B SAMHWA 47	
		ZD903	AF000672	0DZ222609AB	DIODE,ZENER	UZ-22BSB 26MM TP PYUNG CHANG	
		ZD911	AF000860	0DZ470009AG	DIODE,ZENERS	UZ-4.7BSB PYUNG CHANG TP26 DO3	
		ZD921	AF000859	0DZ120009BH	DIODE,ZENERS	UZ-12BSC PYUNG CHANG TP26 DO34	
		***** DECK ASSEMBLY , MD (DVD) *****					
		A26	AF000924	6721RF0856C	DECK ASSEMBLY,AUDIO	DECK/MECHA DP-7T-DI-MITSUMI VA	NSP
		A01	79096511	4861R-0016C	CLAMP ASSEMBLY	DECK/MECHA DISC DP-7 (DI)	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		A02	AF000886	3041R-M040C	BASE ASSEMBLY	MAIN DP-7T-DI	
		A03	AF000887	3041R-M044F	BASE ASSEMBLY	SLED DP-7T-DI-VA9	
		001	79097006	3300R-0547A	PLATE	CLAMP	NSP
		002	79097007	5016H-1016B	MAGNET	CLAMP(LDM-R608,10*5,1*1.5T)	NSP
		003	AF000069	4860R-0021A	CLAMP	UPPER DP7	NSP
		004	AF000909	4930R-0402A	HOLDER	CLAMP DP-7A	
		010	79096473	6850R-GK22Z	CABLE,FLAT	P=1.0 FFC UL2896(0.05X0.65) 11	
		011	79096531	3210R-M002A	FRAME	UP/DOWN MOLD DP7C	
		011A	AF000925	6850R-JW16B	CABLE,FLAT	P=1.0 FFC UL2896(0.035X0.7) 23	
		012	79096652	5040R-0075B	RUBBER	DAMPER DP7 (CHUNG PUNG 30)	
		012	AF000076	5040R-0075D	RUBBER	DAMPER DP7 (YAMAUCHI 30)	
		013	AF000050	4400R-0006B	BELT	DECK/MECHA DP2-5, DP7C,DP7A OT	
		014	79096235	4470R-0055A	GEAR	PULLEY	
		015	79096477	6871RZ5130A	PWB(PCB) ASSEMBLY,OTHERS	SUB,L/D (DP-4V,DVD+VCR) DI	
		015A	79096513	4681R-1023E	MOTOR ASSEMBLY	LOADING (DI)	
		015B	79096516	4560R-0008A	PULLEY	MOTOR	
		015C	79096515	4680HP2001A	MOTOR(MECH)	RF-300CH-11440(SHAFT 6.05L)M/C	
		015C	AF000065	4680R-E009A	MOTOR(MECH)	FEEDING RF300EH-1D390 MABUCHI	
		015C	AF000066	4680R-E010A	MOTOR(MECH)	FEEDING BCZ3B51 SANKYO FOR DP7	
		015C	AF000057	4680HP2011A	MOTOR(MECH)	PC200DG-21651C JOHNSON LOADING	
		015C	AF000064	4680R-D003A	MOTOR(MECH)	LOADING RF-300EH-1D390 MABUCHI	
		017	79096236	4470R-0056A	GEAR	LOADING	
		018	79096240	4974R-0023A	GUIDE	UP/DOWN	
		020	AF000885	3040R-D005A	BASE	MAIN DP-7T MOLD (SLIM)	NSP
		021	AF000062	4680R-C011A	MOTOR(MECH)	SPINDLE JCL9B68 SANKYO FOR COM	
		022	AF000906	4681R-0037A	MOTOR ASSEMBLY	DECK/MECHA FEED DP-7A(DI)	
		024	AF000054	4470R-0131A	GEAR	PINION DP7C	
		024A	79096508	5006R-0044A	CAP	SKEW-T DP7C	
		024B	79096509	5006R-0043A	CAP	SKEW DP7C	
		025	79096518	4470R-0130A	GEAR	MIDDLE DP7C	
		026	AF000892	3390R-0026A	TRAY	DVD DP-7T MOLD DISC	
		028	79096520	4370R-0082B	SHAFT	DECK/MECHA PU R DP-7C OTHER	
		029	AF000049	4370R-0082A	SHAFT	PU DP-7C	
		030	79096517	4471R-0013C	GEAR ASSEMBLY	DECK/MECHA RACK DP-7C(7A) DI	
		031	79096646	6716DPH005A	PICK UP,DVD	PVR-502W MITSUMI PLAYER H/HIGH	
		031	AF000466	6716DPH005B	PICK UP,DVD	PVR-502W R52 0219 MITSUMI PLAY	
		429	79096221	1SZZR-0012A	SCREW,DRAWING	B-TITE	
		430	79097901	1SZZH-1003A	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/NIY 4.5MM	
		430	79097901	1SZZH-1003A	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/NIY 4.5MM	
		431	79096220	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		431	79096220	1SZZH-1007B	SCREW,DRAWING	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		433	79096541	1SZZR-0050A	SCREW,DRAWING	+ 1 D2.0 L4.5 SWRCH16A/ZNY S-T	
		435	79097902	1SZZR-0011A	SCREW,DRAWING	MACHINE	
		***	**PWB(PCB) ASSEMBLY , MAIN**	***			
		A46	AF000927	6871R-6560T	PWB(PCB) ASSEMBLY,TOTAL	LH-T6544 DVD RCVR MAIN TOTAL T	
		315	AF000908	4920R-E007B	HEAT SINK	AL EX 124X25 MAIN	
		C101	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C102	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C103	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C104	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C106	AF000849	0CE2276F618	CAPACITOR,FIXED ELECTROLYTIC	220UF SMS,SG 16V 20% FL TP 5	
		C107	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C108	79092026	0CH4330K412	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C109	79092026	0CH4330K412	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C110	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C111	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C112	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C113	79096139	0CE3356K618	CAPACITOR,FIXED ELECTROLYTIC	3.3UF SMS,SG 50V 20% FL TP 5	
		C114	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C115	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C201	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C202	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C203	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C206	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C207	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C208	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C211	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C212	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C213	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C214	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C221	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C222	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C223	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C224	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C225	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C231	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C232	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C233	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C234	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C239	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C240	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C241	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C243	79096595	0CH4561K412	CAPACITOR,FIXED CERAMIC(High d	560PF 50V 5% NP0 1608 R/TP	
		C244	79096595	0CH4561K412	CAPACITOR,FIXED CERAMIC(High d	560PF 50V 5% NP0 1608 R/TP	
		C245	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C251	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C252	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C253	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C254	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C255	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C257	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C258	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C259	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C260	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C261	79098715	0CH1105D942	CAPACITOR,CHIP[CERAMIC M/L HD	1UF 10V Z Y5V(F) 1508 R/TP	
		C262	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C263	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C264	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C265	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C266	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C267	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C268	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C269	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C270	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C271	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C272	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C273	79092019	0CH1333K562	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C274	79096596	0CH4471K412	CAPACITOR,CHIP[CERAMIC M/L TC	470PF 50V J NP0 1508 R/TP	
		C276	79092023	0CH4100K112	CHIP CAPA CERAMIC M/L T.C F/S	10P 50V D COG 1.6X0.8 R/TP	
		C277	79096609	0CH1153K562	CAPACITOR,FIXED CERAMIC(Temp.c	0.015UF 50V 10% X7R(X) 1608 R/	
		C278	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C279	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C280	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C281	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C282	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C283	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C291	79098705	0CE1074F638	CAPACITOR,ELECTROLYTIC	100U SRA 16V M FM5 TP(5)	
		C292	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C293	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C295	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C296	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C301	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C302	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C303	AF000849	0CE2276F618	CAPACITOR,FIXED ELECTROLYTIC	220UF SMS,SG 16V 20% FL TP 5	
		C306	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C307	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C308	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C309	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C310	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C311	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C312	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C313	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C314	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C315	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C316	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C317	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C318	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C319	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C320	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C321	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C322	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C323	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C324	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C325	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C326	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C327	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C328	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C329	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C330	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C331	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C332	AF000276	0CH1473K562	CAPACITOR,CHIP[CERAMIC M/L HD	47000PF 50V K X7R(X) 1608 R/TP	
		C333	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C334	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C335	79096125	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C336	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C337	79096125	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C338	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C339	79096127	0CE108CC618	CAPACITOR,FIXED ELECTROLYTIC	1000UF SHL,SD 6.3V 20% TP 5 FL	
		C340	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C341	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C342	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C343	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C344	AF000104	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C344	79096119	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C345	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C346	AF000104	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C346	79096119	0CE1066K618	CAPACITOR,ELECTROLYTIC	10M SMS 50V M FM5 TP(5)	
		C347	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C348	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C349	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C350	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C351	79096141	0CE4756K618	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C352	79096141	0CE4756K618	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C353	79096131	0CE2256K618	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C354	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C355	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C356	79096131	0CE2256K618	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C357	79096125	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C358	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C359	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C362	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C363	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C371	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C372	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C373	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C502	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C503	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C504	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C505	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C506	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C507	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C508	79092018	0CH1225F944	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C509	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C510	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C511	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C513	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C514	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C515	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C516	79092018	0CH1225F944	CAPACITOR,FIXED CERAMIC(Temp.c	2.2UF 16V 80%,-20% Y5V(F) 3216	
		C517	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C518	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C519	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C520	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C521	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C522	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C523	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C524	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C525	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C526	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C527	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C528	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C530	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C531	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C532	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C533	79098720	0CH4180K412	CAPACITOR,CHIP[CERAMIC M/L TC	18P 50V J COG 1.6X0.8 R/TP	
		C534	79098721	0CH4270K412	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C535	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C536	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C537	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C538	79098714	0CH1102K562	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% X7R(X) 1608 R/T	
		C539	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C540	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C541	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C542	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C543	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C544	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C545	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C554	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C555	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C563	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C567	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C568	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C569	79092025	0CH4221K412	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C575	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C576	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C578	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C579	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C580	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C582	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C583	79098709	0CE2274C638	CAPACITOR,ELECTROLYTIC	220M SRA 6.3V M FM5 TP(5)	
		C589	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C592	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5A1	79097104	0CE1064F638	CAPACITOR,ELECTROLYTIC	10M SRA 16V M FM5 TP(5)	
		C5A2	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5C1	79097108	0CE4764F638	CAPACITOR,FIXED ELECTROLYTIC	47UF SRA,SS 16V 20% FM5 TP 5	
		C5C2	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5C4	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5C5	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5C6	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5C7	79098702	0CE1054K638	CAPACITOR,ELECTROLYTIC	1.0M SRA/SS50V M FM5 TP(5)	
		C5C8	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C5C9	79097106	0CE2264F638	CAPACITOR,FIXED ELECTROLYTIC	22UF SRA,SS 16V 20% FM5 TP 5	
		C5E0	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C601	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C601	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C602	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C602	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C603	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C603	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C604	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C604	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C605	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C606	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C607	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C608	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C609	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C610	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C610	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C611	79096153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C611	79093153	0CH4121K412	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C612	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C613	AF000845	0CE1056K638	CAPACITOR,FIXED ELECTROLYTIC	1UF SMS,SG 50V 20% FM5 TP 5	
		C614	79096142	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C615	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C616	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C617	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C618	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C619	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C620	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C621	AF000846	0CE1066F618	CAPACITOR,FIXED ELECTROLYTIC	10UF SMS,SG 16V 20% FL TP 5	
		C622	79096125	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C623	79096125	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C624	79096142	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C625	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C626	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C627	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C628	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C629	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C630	79096142	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C631	79096142	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	
		C632	79096126	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C633	79096126	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C634	79092027	0CH4560K412	CAPA,CHIP CERAMIC M/L T.C F/S	56P 50V J COG 1.6X0.8 R/TP	
		C635	79092027	0CH4560K412	CAPA,CHIP CERAMIC M/L T.C F/S	56P 50V J COG 1.6X0.8 R/TP	
		C636	79096155	0CH4470K412	CAPA,CHIP CERAMIC M/L T.C F/S	47P 50V J COG 1.6X0.8 R/TP	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C637	79096155	0CH4470K412	CAPA,CHIP CERAMIC M/L T.C F/S	47P 50V J COG 1.6X0.8 R/TP	
		C638	79096118	0CE1066J618	CAPACITOR,ELECTROLYTIC	10M SMS 35V M FL TP(5)	
		C639	79096118	0CE1066J618	CAPACITOR,ELECTROLYTIC	10M SMS 35V M FL TP(5)	
		C640	79096118	0CE1066J618	CAPACITOR,ELECTROLYTIC	10M SMS 35V M FL TP(5)	
		C641	79096118	0CE1066J618	CAPACITOR,ELECTROLYTIC	10M SMS 35V M FL TP(5)	
		C642	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C643	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C644	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C645	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C646	79097121	0CH4101K412	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C647	79096598	0CH4391K412	CAPACITOR,CHIP[CERAMIC M/L TC	390PF 50V J NP0 1508 R/TP	
		C651	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C652	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C653	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C654	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C655	79096146	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	
		C661	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C662	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C663	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C664	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C666	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C667	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C701	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C702	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C703	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C704	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C705	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C706	AF000851	0CE337EK638	CAPACITOR,FIXED ELECTROLYTIC	330UF KMG 50V 20% FM5 TP 5	
		C707	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C708	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C709	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C710	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C712	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C713	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C716	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C717	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C719	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C720	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C721	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C722	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C723	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C724	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C725	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C726	AF000851	0CE337EK638	CAPACITOR,FIXED ELECTROLYTIC	330UF KMG 50V 20% FM5 TP 5	
		C727	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C728	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C729	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C730	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C732	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C733	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C735	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C737	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C738	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C740	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C741	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C742	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C743	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C744	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C745	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C746	AF000851	0CE337EK638	CAPACITOR,FIXED ELECTROLYTIC	330UF KMG 50V 20% FM5 TP 5	
		C747	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C748	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C749	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C751	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C752	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C754	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C755	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C756	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C757	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C758	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C759	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C760	AF000851	0CE337EK638	CAPACITOR,FIXED ELECTROLYTIC	330UF KMG 50V 20% FM5 TP 5	
		C761	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C762	79096158	0CK105EK94A	CAPACITOR,FIXED CERAMIC(High d	1UF 3216 50V 80%,-20% R/TP F(Y	
		C763	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C764	AF000510	0CH4331K416	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J NP0 2.0X1.2 R/TP	
		C769	79096169	0CQ4742L439	CAPACITOR,FIXED FILM	0.47UF S 63V 5% M/PE NI TP5	
		C782	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C783	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C784	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C785	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C786	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C787	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C788	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C789	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C790	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C791	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C792	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C793	AF000853	0CH1682K566	CAPA,CHIP CERAMIC M/L H.D F/S	6800PF 50V K X7R(X) 2012 R/TP	
		C801	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C802	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C803	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C804	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C805	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C806	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C807	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C808	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C809	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C810	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C811	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C812	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C813	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C814	79096149	0CH1104K566	CAPACITOR,FIXED CERAMIC(TEMP.C	0.1UF 2012 50V 10% X7R(X) R/TP	
		C901	79096137	0CE228EK650	CAPACITOR,FIXED ELECTROLYTIC	2200UF KMG 50V 20% FM7.5 BULK	
		C903	79096157	0CK1040K945	CAPACITOR,CERAMIC (HIGH DIELEC	0.1M 50V Z F TS	
		C904	79096144	0CE4766K618	CAPACITOR,FIXED ELECTROLYTIC	47UF SMS,SG 50V 20% FL TP 5	
		C905	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C906	79096123	0CE107CK638	CAPACITOR,FIXED ELECTROLYTIC	100UF SHL,SD 50V 20% FM5 TP 5	
		C907	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C908	79096145	0CE476CD638	CAPACITOR,FIXED ELECTROLYTIC	47UF SHL,SD 10V 20% TP 5 FM5	
		C909	79092013	0CH1103K562	CAPACITOR,FIXED CERAMIC(TEMP.C	0.01UF 50V 10% X7R(X) 1608 R/T	
		C910	79096131	0CE2256K618	CAPACITOR,FIXED ELECTROLYTIC	2.2UF SMS,SG 50V 20% FL TP 5	
		C911	79092014	0CH1104K942	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		D012	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D101	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	
		D102	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	
		D103	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	
		D104	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		D105	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	
		D301	79097506	0DR102109AA	DIODE,RECTIFIERS	RL102-10C GULF SEMICONDUCTOR L	
		D601	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D602	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D901	79096305	0DD133009AA	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		F502	79096503	6200JB8010V	FILTER(CIRC),EMC	LFA20-2A1E473MT MITSUBISHI MAT	
		IC101	AF000865	0IMCRSA102A	IC,MICRO CONTROLLER	LC876848C-54K3 SANYO 100PIN QF	
		IC201	79096585	0ILNRNF006A	IC,LINEAR	MT1336E/BP MEDIATEK INCORPORAT	
		IC202	79096576	0IPRPSA010A	IC,PERIPHERALS	LA6560-A-TE-L SANYO HSOP-36R R	
		IC301	AF000529	0IPMGPV002A	IC,POWER MANAGEMENT	PS9818 PULSUS 100PIN,QFP TRAY	
		IC302	AF000870	0IPRPAK007A	IC,PERIPHERALS	AK5365VQ AKM 44 PIN LQFP TRAY	
		IC303	AF000869	0IPRPAK006A	IC,PERIPHERALS	AK4117VF-E2 AKM 24 PIN VSOP R/	
		IC501	AF000154	0ILNRNF008B	IC,LINEAR	MT1379EEC,EEC/CA MEDIATEK INCO	
		IC505	79096693	0ISS240210A	IC,SAMSUNG ELECTRONICS	S524A40X21-SCT0 SOP8 TP EEPROM	
		IC506	AF000264	0IMMRHY001E	IC,MEMORIES	HY57V641620HGT-7 HYUNDAI 54PIN	
		IC5A1	AF000186	0IMMRFU011A	IC,MEMORIES	MBM29LV160TE70NC FUJITSU 48PIN	
		IC5A1	AF000707	0IMMRHY040D	IC,MEMORIES	HY29DL163TT-70 HYNIX 48PIN,TSO	
		IC5C1	79096577	0IPRPMT008A	IC,PERIPHERALS	MM1623XFBE MITSUMI 28PIN SOP R	
		IC601	79098737	0IJR458000B	IC,JRC	NJM4580M 8,DMP8 TP OP AMP 2K/R	
		IC602	AF000864	0IJR229600A	IC,JRC	NJM2296M 16P SOP TP VIDEO SW 5	
		IC701	79097530	0IPRPSG009A	IC,PERIPHERALS	STA505-5C SGS-THOMSON 36P SOP	
		IC702	79097530	0IPRPSG009A	IC,PERIPHERALS	STA505-5C SGS-THOMSON 36P SOP	
		IC703	AF000871	0IPRPSG024A	IC,PERIPHERALS	STA501 STM 36PIN,SOP R/TP 40V	
		IC704	79097530	0IPRPSG009A	IC,PERIPHERALS	STA505-5C SGS-THOMSON 36P SOP	
		J6	AF000912	561-711D	CONNECTOR (CIRC),HOUSING	GIL-S-04P-S2T2-EF LG CABLE 4PI	
		JK301	AF000638	6612K00010A	JACK,FIBER OPTIC	PLR131/T5(RECEIVER-13.2M) EVER	
		JK601	AF000916	6612JH002UD	JACK,RCA	RCA/DIN-45G YUQIU LH-T6540/T64	
		JK602	AF000917	6612R-K001E	JACK,RCA	RGB-08A YUQIU 1F(BK) W/SHIELD	
		JK701	AF000921	664000009AA	TERMINAL BLOCK	PTB-1201C-02 yuqiu 6P AC450V 1	
		L101	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L201	79096571	0LR0102J025	INDUCTOR,RADIAL LEAD	10UH 5% 4X5 TR5	
		L202	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L203	79096571	0LR0102J025	INDUCTOR,RADIAL LEAD	10UH 5% 4X5 TR5	
		L204	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L231	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L251	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L261	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L262	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L264	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L265	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L291	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L292	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L301	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L306	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L307	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L308	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L309	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L310	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L311	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L312	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L313	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L314	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L315	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L316	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		L318	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L501	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L502	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L504	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L505	AF000872	0LC0233002E	INDUCTOR,CHIP	HB-1H1608-221 CERATECH R/TP	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L5C1	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L601	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L602	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L603	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L604	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L605	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L606	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L607	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L609	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L610	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L611	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L612	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L613	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L614	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L615	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L616	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L617	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L618	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L620	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L621	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L622	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L701	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L702	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L703	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L704	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L705	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L706	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L707	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L708	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L709	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L710	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L711	AF000616	6140RCC007A	COIL,RF	1016W-02-220L KWANGSUNG DOUBLE	
		L901	79096241	6140RCC002A	COIL,CHOKE	20UH/6A BAR CORE 20UH KWANGS	
		L902	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		L903	79091005	6200HJC102A	FILTER(CIRC),EMC	HB-1M2012-102JT CERATECH TP	
		PDM01	AF000778	6630XE00123	CONNECTOR (CIRC),FFC/FPC	04-6232-023-010-000/JE500-B1.0	
		PDM02	AF000777	6630XE00111	CONNECTOR (CIRC),FFC/FPC	04-6232-011-010-000/JE500-B1.0	
		PN103	79097584	6630XE01224	CONNECTOR (CIRC),FFC/FPC	04-6232-024-010-000 ELCO 24P 1	
		PN104	AF000778	6630XE00123	CONNECTOR (CIRC),FFC/FPC	04-6232-023-010-000/JE500-B1.0	
		PN901	79097578	6630R-BF07J	CONNECTOR (CIRC),BOARD TO BOAR	117-A8T-10 JAE EUN 10PIN 2-54M	
		PN902	AF000919	6630R-BF07N	CONNECTOR (CIRC),BOARD TO BOAR	JE117-A8T-14 JAE EUN 14P 2.54M	
		Q101	79098775	0TR103009AE	TRANSISTOR,BIPOLARS	KRC103M(KRC1203) KEC TP TO92M	
		Q201	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q202	79096542	0TRRH80042A	TRANSISTOR,BIPOLARS	2SK3018 T106 ROHM KOREA R/TP U	
		Q203	79096542	0TRRH80042A	TRANSISTOR,BIPOLARS	2SK3018 T106 ROHM KOREA R/TP U	
		Q204	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q205	79095002	0TR103709BB	TRANSISTOR,BIPOLARS	2SA1037K-Q CHIP TP ROHM - -	
		Q501	79095008	0TR387509AC	TRANSISTOR	CHIP KTC3875S-GR-T1(ALG) KEC	
		Q601	79098775	0TR103009AE	TRANSISTOR,BIPOLARS	KRC103M(KRC1203) KEC TP TO92M	
		Q602	AF000884	0TR126709AB	TRANSISTOR,BIPOLARS	KTA1267-Y KEC TP TO92M -50V -1	
		Q603	79098775	0TR103009AE	TRANSISTOR,BIPOLARS	KRC103M(KRC1203) KEC TP TO92M	
		Q604	79095006	0TR319809AC	TRANSISTOR	KTC3198-TP-BL (KTC1815)KEC	
		Q605	79097534	0TR130209AA	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q606	79097534	0TR130209AA	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q607	79098775	0TR103009AE	TRANSISTOR,BIPOLARS	KRC103M(KRC1203) KEC TP TO92M	
		Q901	79097533	0TR128109AA	TRANSISTOR	KTA1281Y TP KEC TO-92L	
		Q902	79097535	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q903	79097535	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	
		Q904	79095006	0TR319809AC	TRANSISTOR	KTC3198-TP-BL (KTC1815)KEC	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		Q905	79098776	0TR103009AF	TRANSISTOR,BIPOLARS	KRA103M(KRA2203) KEC TP TO92M	
		R101	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R102	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R103	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R104	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R105	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R106	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R107	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R108	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R110	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R111	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R112	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R113	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R114	AF000312	0RH1800C622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R115	79093030	0RH1004C622	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R116	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R117	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R118	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R119	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R120	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R121	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R122	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R123	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R124	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R125	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R126	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R127	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R128	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R129	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R130	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R131	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R132	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R133	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R134	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R135	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R136	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R137	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R138	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R139	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R140	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R141	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R142	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R143	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R144	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R145	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R146	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R147	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R148	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R149	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R150	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R151	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R152	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R153	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R154	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R155	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R201	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R202	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R203	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R204	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R205	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R206	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R207	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R208	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R209	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R210	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R211	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R212	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R213	79096553	0RH3903C622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 16 W 1608 5.00% D	
		R214	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R215	79096553	0RH3903C622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 16 W 1608 5.00% D	
		R216	79096565	0RH0101C622	RESISTOR,METAL GLAZED(CHIP)	1 OHM 1 / 16 W 1608 5.00% D	
		R217	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R218	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R220	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R221	79096563	0RH0272C622	RESISTOR,METAL GLAZED(CHIP)	27 OHM 1 / 16 W 1608 5.00% D	
		R231	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R232	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R233	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R234	79096564	0RH0221C622	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 16 W 1608 5.00% D	
		R235	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R236	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R237	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R238	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R239	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R240	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R241	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R242	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R243	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R244	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R245	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R246	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R251	79096215	0RH3302C622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R252	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R253	79096557	0RH2702C622	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R254	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R255	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R256	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R257	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R258	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R259	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R291	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R292	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R293	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R294	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R295	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R296	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E2	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E3	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E4	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E5	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E6	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R2E7	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R301	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R302	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R303	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R304	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R305	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R306	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R307	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R308	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R309	79093031	0RH1201C622	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R310	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R311	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R312	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R313	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R314	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R315	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R316	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R317	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R318	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R319	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R320	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R321	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R322	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R323	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R324	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R325	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R326	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R327	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R328	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R329	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R330	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R331	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R332	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R333	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R334	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R335	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R336	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R337	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R338	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R339	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R340	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R341	79096210	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R342	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R343	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R344	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R345	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R346	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R347	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R348	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R349	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R350	79093032	0RH1202C622	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 5.00% D	
		R351	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R352	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R353	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R354	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R355	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R356	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R357	AF000881	0RH2402C622	RESISTOR,METAL GLAZED(CHIP)	24K OHM 1 / 16 W 1608 5.00% D	
		R358	AF000881	0RH2402C622	RESISTOR,METAL GLAZED(CHIP)	24K OHM 1 / 16 W 1608 5.00% D	
		R359	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R360	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R361	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R362	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R363	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R364	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R365	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R366	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R367	79093044	0RH4700C622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R368	79096210	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R501	79096480	0RH8201C622	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R502	79096547	0RJ7503C677	RESISTOR,METAL GLAZED(CHIP)	750K OHM 1/16 W 5% 1608 R/TP	
		R503	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R504	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R505	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R506	79093024	0RH0471C622	RESISTOR,METAL GLAZED(CHIP)	4.7 OHM 1 / 16 W 1608 5.00% D	
		R507	79098770	0RH1801C622	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R508	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R509	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R510	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R511	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R512	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R513	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R515	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R515	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R516	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R516	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R517	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R517	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R518	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R518	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R519	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R519	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R520	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R520	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R522	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R522	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R523	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R524	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R525	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R526	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R527	79093045	0RH4701C622	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R528	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R529	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R534	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R535	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R550	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R551	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R552	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R553	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R564	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R565	79093037	0RH1802C622	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R566	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R567	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R570	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R571	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R573	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R574	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R575	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R576	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R577	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R578	79093041	0RH3300C622	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R579	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R580	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R581	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R593	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R5A7	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R5A9	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R5C1	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R5C3	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R5C4	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R5C5	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R5C6	79093033	0RH1500C422	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 1.00% D	
		R5C9	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R5E1	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R601	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R602	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R603	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R604	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R605	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R606	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R607	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R608	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R609	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R610	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R611	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R612	79096217	0RH4703C622	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R613	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R614	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R615	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R616	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R617	79096352	0RH1800D622	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 10 W 2012 5.00% D	
		R618	79096364	0RH4700D622	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 10 W 2012 5.00% D	
		R619	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R620	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R621	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R625	79098767	0RH1001C622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R626	79096690	0RH8200C622	RESISTOR,METAL GLAZED(CHIP)	820 OHM 1 / 16 W 1608 5.00% D	
		R627	79096030	0RH1003C622	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R628	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R629	79093039	0RH2201C622	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R630	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R631	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R632	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R632	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R633	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R634	79096210	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R635	79096210	0RH0472C622	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R636	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R637	AF000119	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R637	79096209	0RH0332C622	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R638	AF000320	0RH6802C622	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R639	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R640	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R641	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R642	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R643	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R644	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R645	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R646	79098773	0RH4702C622	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R647	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R648	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R649	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R650	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R651	AF000320	0RH6802C622	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R652	79093035	0RH1502C622	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R653	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R661	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R662	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R663	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R664	79093025	0RH0752C622	RESISTOR,METAL GLAZED(CHIP)	75 OHM 1 / 16 W 1608 5.00% D	
		R665	79093027	0RH1000C622	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R667	AF000668	0RH0122D622	RESISTOR,METAL GLAZED(CHIP)	12 OHM 1 / 10 W 2012 5.00% D	
		R669	79093042	0RH3301C622	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R670	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R671	AF000715	0RH1200C622	RESISTOR,METAL GLAZED(CHIP)	120 OHM 1 / 16 W 1608 5.00% D	
		R701	79093020	0RH0000C622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R702	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R703	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R704	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R705	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R706	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R707	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R708	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R709	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R710	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R711	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R712	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R713	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R714	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R715	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R716	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R717	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R718	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R719	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R720	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R721	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R722	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R723	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R724	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R725	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R726	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R727	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R728	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R729	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R730	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R731	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R732	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R733	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R734	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R735	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R736	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R737	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R738	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R739	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R740	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R741	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R742	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R743	AF000669	0RH0561D622	RESISTOR,METAL GLAZED(CHIP)	5.6 OHM 1 / 10 W 2012 5.00% D	
		R744	79093021	0RH0102C622	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		R745	79096206	0RH0000D622	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 10 W 2012 5.00% D	
		R746	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R747	79093029	0RH1002C622	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R748	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R749	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R750	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R751	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R752	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R753	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R754	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R755	AF000880	0RH0822D622	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 10 W 2012 5.00% D	
		R756	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R757	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R758	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R759	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R760	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R761	AF000879	0RH0182D622	RESISTOR,METAL GLAZED(CHIP)	18 OHM 1 / 10 W 2012 5.00% D	
		R901	79096358	0RH2701D622	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 10 W 2012 5.00% D	
		R902	79096367	0RH5600D622	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 10 W 2012 5.00% D	
		R903	AF000882	0RH3903D622	RESISTOR,METAL GLAZED(CHIP)	390K OHM 1 / 10 W 2012 5.00% D	
		R904	AF000017	0RH3302D622	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 10 W 2012 5.00% D	
		R905	79096357	0RH2202D622	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 10 W 2012 5.00% D	
		R906	79096344	0RH1001D622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 10 W 2012 5.00% D	
		R907	79096344	0RH1001D622	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 10 W 2012 5.00% D	
		SW101	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW601	79098797	6600R-SH18A	SWITCH,TACT	CSS-4206 CHANGSHIN DC 30 V 10	
		TU01	AF000922	6700FM0096A	TUNER	KST-ML104MV1-60L(4GANG-RDS-CE)	
		X101	79097565	6212AA2983C	RESONATOR,CRYSTAL	HC-49S BUBANG 9.8304MHZ +/- 30	
		X301	79097564	6204R-HK01C	OSCILLATOR	KXO-210 BUBANG AXIAL 12.288MHZ	
		X501	79097346	6202R-BL06C	RESONATOR,CRYSTAL	HC-49/S BUBANG 27MHZ 20PPM 15	
		ZD101	AF000863	0DZ910009AG	DIODE,ZENER	GDZJ9.1C TP GRANDE DO-34 500MW	
		ZD601	AF000861	0DZ512609BA	DIODE,ZENER	UZ-5.1BSB 26MM TP PYUNG CHANG	
		ZD901	79096589	0DZ300000MB	DIODE,ZENERS	UZ-30BSC 26MM PYUNG CHANG TP D	
		ZD902	AF000862	0DZ752609AA	DIODE,ZENER	GDZJ7.5B 26MM TP GRANDE DO34	
		ZD903	79097511	0DZ270009BC	DIODE,ZENER	GDZJ2.7A TP GRANDE DO34 500MW	
		*** PWB(PCB) ASSEMBLY , TOTAL FRONT ***					
		A50	AF000928	6871R-6645A	PWB(PCB) ASSEMBLY,TOTAL	LH-T6544 DVD RCVR FRONT PART T	
		C001	79096133	0CE2273D638	CAPACITOR,ELECTROLYTIC	220M SRE 10V M FM5 TP(5)	
		C002	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C003	790971234	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C003	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C004	790971234	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C004	79097123	0CN1020K518	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C005	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C006	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C007	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C008	79098728	0CN1040K948	CAPACITOR,FIXED TUBULAR(HIGH D	0.1UF D 50V 80%,-20% F(Y5V) TA	
		JK001	79097570	6612R-A002A	JACK,PHONE	PPJ35G PARK ELEC. ST BLACK	
		LD001	79098732	0DL325319AA	LED	SPR325MVWT31 TP ROHM GREEN/RED	
		PN001	AF000920	6630R-FB05X	CONNECTOR (CIRC),FFC/FPC	00-6232-024-104-800 ELCO 24PIN	
		PN002	79097581	6630R-FB05W	CONNECTOR (CIRC),FFC/FPC	00-6232-023-104-800 ELCO 23PIN	
		Q001	AF000210	0TR120309AE	TRANSISTOR	SRC1203 TP AUK TO92 22K,22K	
		Q002	79096544	0TR220309AF	TRANSISTOR	SRA2203 TP AUK TO92 22K,22K	
		R029	79098762	0RD3301F608	RESISTOR,FIXED CARBON FILM	3.3K OHM 1/6 W 5% TA26	
		R030	79096337	0RD1500F608	RESISTOR,FIXED CARBON FILM	150 OHM 1/6 W 5% TA26	
		R031	79093003	0RD1000F608	RESISTOR,FIXED CARBON FILM	100 OHM 1/6 W 5% TA26	
		R032	79093004	0RD1001F608	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5% TA26	
		R033	79093004	0RD1001F608	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5% TA26	
		R034	79093017	0RD4701F608	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5% TA26	
		R035	79093005	0RD1002F608	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5% TA26	
		R036	79098761	0RD2201F608	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5% TA26	
		R037	79098760	0RD1501F608	RESISTOR,FIXED CARBON FILM	1.5K OHM 1/6 W 5% TA26	
		R038	79093007	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	

S	AL	LOCA. NO.	TOSHIBA P/NO	LG PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R038	79096185	0RD1201F608	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5% TA26	
		R039	79098765	0RD8200F608	RESISTOR,FIXED CARBON FILM	820 OHM 1/6 W 5% TA26	
		R040	79098764	0RD6800F608	RESISTOR,FIXED CARBON FILM	680 OHM 1/6 W 5% TA26	
		R041	AF000875	0RD0681F608	RESISTOR,FIXED CARBON FILM	6.8 OHM 1/6 W 5.00% TA26	
		RMC001	AF000206	6712R2038GF	REMOTE CONTROLLER RECEIVER	TSOP4838SJ1 VISHAY 38KHZ	
		SW001	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW002	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW003	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW004	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW005	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW006	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		SW007	79097338	556-219B	SWITCH,TACT	THV10910G TACT DC 12 V 5-0 A V	
		VFD001	AF000915	6302R-V240A	DIGITRON	FV821N FV821N SEG VFD LH-T6340	
		VR001	79097560	6110S-ET01A	VOLUME,ENCODER	EC16B242040M ALPS - D=16 V 24	
		*** SPEAKER ASSEMBLY , V55HTC ***					
		A700	AF000630	6401RM0118A	SPEAKER ASSEMBLY	F20T-D243 KEP TOSHIBA LHS-C444	
		751	AF000564	3530RMP030A	GRILLE	LHS-C444C PRESS PUNCHING META	
		752	AF000582	3720RMF093A	PANEL,FRONT	SPK LHS-C444C MOLD (TOSHIBA)	
		753	AF000627	6400PKEX01A	SPEAKER,FULLRANGE	N1012C-5945-5 KEP PIEZO 0OHM 0	
		754	AF000594	4766RM0004A	FELT	Audio W/F,FE-3500SE 240X7X1T B	
		755	AF000570	353M056D	SCREW	TRQ 3.5X8 FBK	
		756	AF000628	6400WETC01A	SPEAKER,WOOFER	08P60EHC1390J EAW WOOFER 8 OHM	
		757	AF000565	353M025G	SCREW,DRAWING	TAPTITE, 3X10 FZMY	
		758	AF000567	353M025X	SCREW,DRAWING	+ 1 D3.5 L12.0 FZMY2 BLK	
		759	AF000550	3110RMP055A	CASE	LHS-C444C MOLD REAR(TOSHIBA)	
		760	AF000653	6871RU4116B	PWB(PCB) ASSEMBLY,SUBSET(AUDIO	FE-3620TE 2P NEW TERMINAL 150M	
		*** SPEAKER ASSEMBLY , V55HTS ***					
		A800	AF000631	6401RM0119A	SPEAKER ASSEMBLY	F20T-D243 KEP TOSHIBA LHS-C444	
		851	AF000563	3530RMP029A	GRILLE	LHS-C444T PRESS PUNCHING METAL	
		852	AF000581	3720RMF092A	PANEL,FRONT	SPK LHS-C444T MOLD (TOSHIBA)	
		853	AF000627	6400PKEX01A	SPEAKER,FULLRANGE	N1012C-5945-5 KEP PIEZO 0OHM 0	
		854	AF000594	4766RM0004A	FELT	Audio W/F,FE-3500SE 240X7X1T B	
		855	AF000570	353M056D	SCREW	TRQ 3.5X8 FBK	
		856	AF000628	6400WETC01A	SPEAKER,WOOFER	08P60EHC1390J EAW WOOFER 8 OHM	
		857	AF000586	3806RM0006B	COVER	FE-3620TE AIR PLATE	
		858	AF000565	353M025G	SCREW,DRAWING	TAPTITE, 3X10 FZMY	
		859	AF000549	3110RMP054A	CASE	LHS-C444T MOLD REAR(TOSHIBA)	
		860	AF000567	353M025X	SCREW,DRAWING	+ 1 D3.5 L12.0 FZMY2 BLK	
		861	AF000653	6871RU4116B	PWB(PCB) ASSEMBLY,SUBSET(AUDIO	FE-3620TE 2P NEW TERMINAL 150M	
		*** SPEAKER ASSEMBLY , V55HTW ***					
		A900	AF000632	6401RM0120A	SPEAKER ASSEMBLY		
		951	AF000583	3720RMF094A	PANEL,FRONT	SPK LHS-C444W MOLD (TOSHIBA)	
		952	AF000614	5208RM0048A	DUCT	SPK LHS-C444W MOLD (TOSHIBA)	
		953	AF000569	353M050M	SCREW,DRAWING	+ 2 D3.5 L10.0 MSWR3/FZY	
		954	AF000613	5208RM0008A	DUCT	PAPER PIPE FE-5620WE PHI 65 X	
		955	AF000579	3701RM0108A	NET ASSEMBLY	SPK LHS-C444W JERSEY NET ASSY	
		956	AF000568	353M050C	SCREW,DRAWING	BH 3.5X16 FBK	
		957	AF000629	6400WETN01A	SPEAKER,WOOFER	18P90EHC1391 EAW WOOFER 4 OHM	
		958	AF000548	3091RMW108A	CABINET ASSEMBLY	SPK LHS-C444W WOOD	
		960	AF000929	6871RU9271F	PWB(PCB) ASSEMBLY		
		961	AF000575	3610RM0039A	FOOT	SPK LHS-C444W MOLD BOTTOM(TOSH	
		962	AF000576	3610RM0040A	FOOT	SPK LHS-C444W OTHER RUBBER (TO	

TOSHIBA CORPORATION
1-1, SHIBAURA 1−CHOME,MINATO−KU, TOKYO 105 − 8001,JAPAN

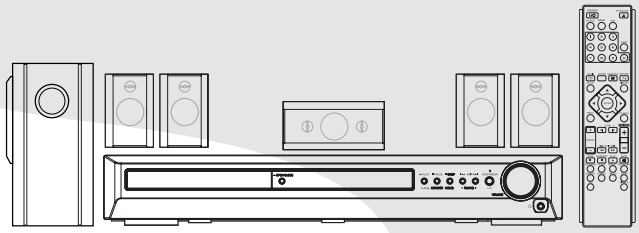
TOSHIBA

FILE NO. 810-200456

SERVICE MANUAL

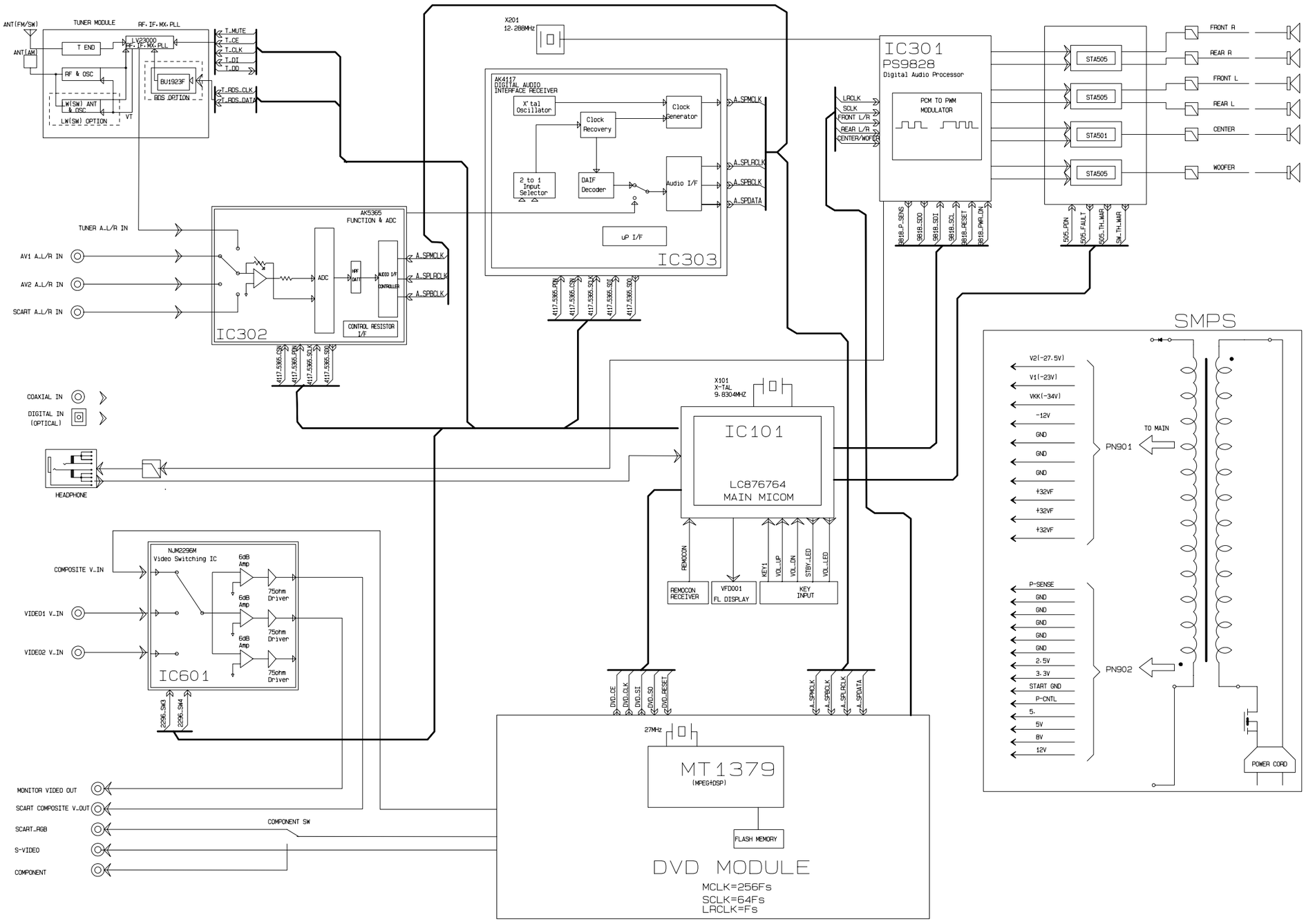
DVD HOME CINEMA SYSTEM

SD-44HKSB
SD-44HKSE



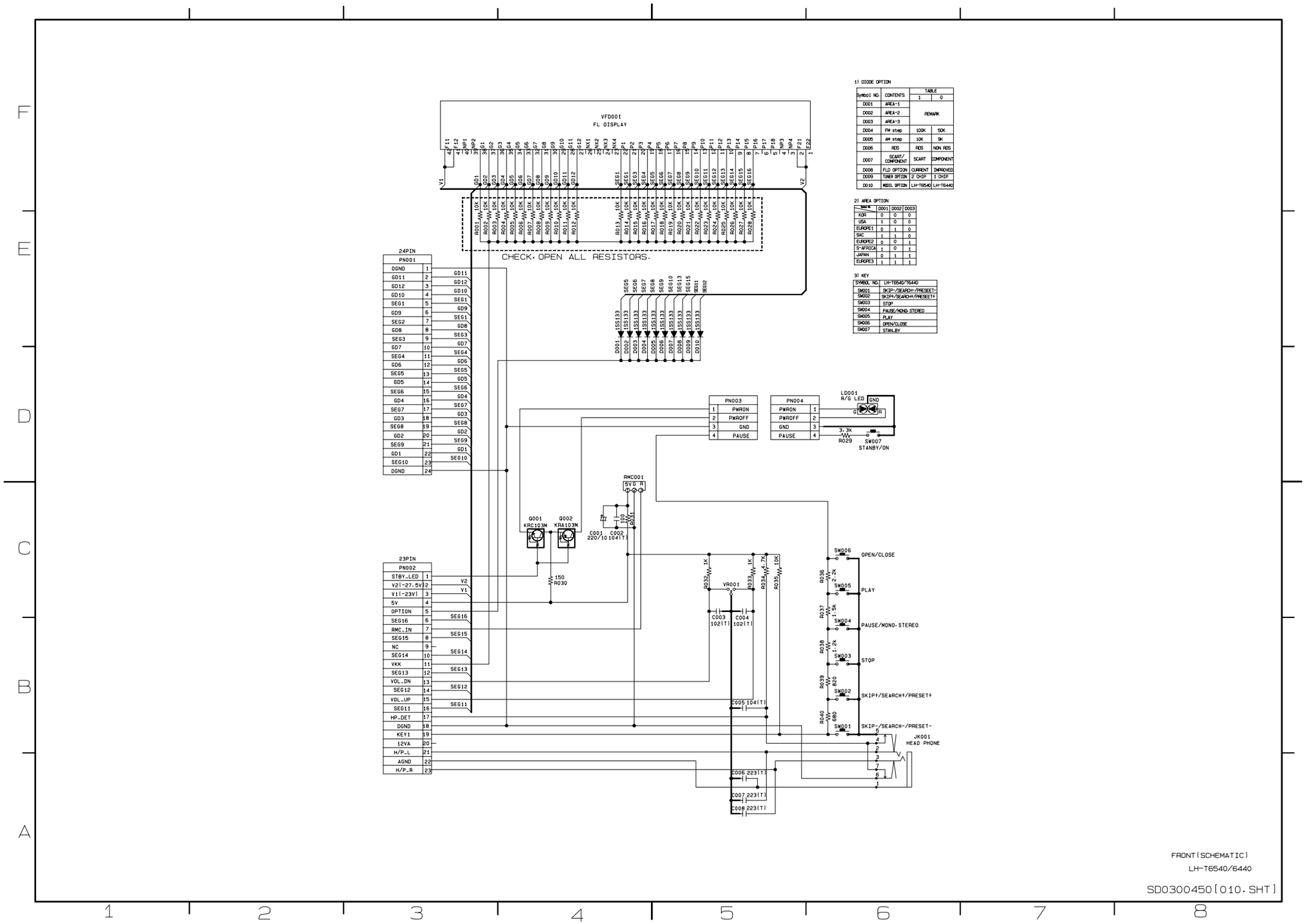
Nov., 2004

❑ BLOCK DIAGRAMS



❑ SCHEMATIC DIAGRAMS

• FRONT SCHEMATIC DIAGRAM



1) DIODE OPTION

Symbol NO.	CONTENTS	TABLE 1	TABLE 0
D001	AREA-1	REMARK	
D002	AREA-2		
D003	AREA-3		
D004	FM step	100K	50K
D005	AM step	10K	9K
D006	RDS	RDS	NON RDS
D007	SCART/COMPONENT	SCART	COMPONENT
D008	FLD OPTION	CURRENT	IMPROVED
D009	TUNER OPTION	2 CHIP	1 CHIP
D010	MODL OPTION	LH-T6540	LH-T6440

2) AREA OPTION

Mode	D001	D002	D003
KOR	0	0	0
USA	1	0	0
EUROPE1	0	1	0
SAC	1	1	0
EUROPE2	0	0	1
S-AFRICA	1	0	1
JAPAN	0	1	1
EUROPE3	1	1	1

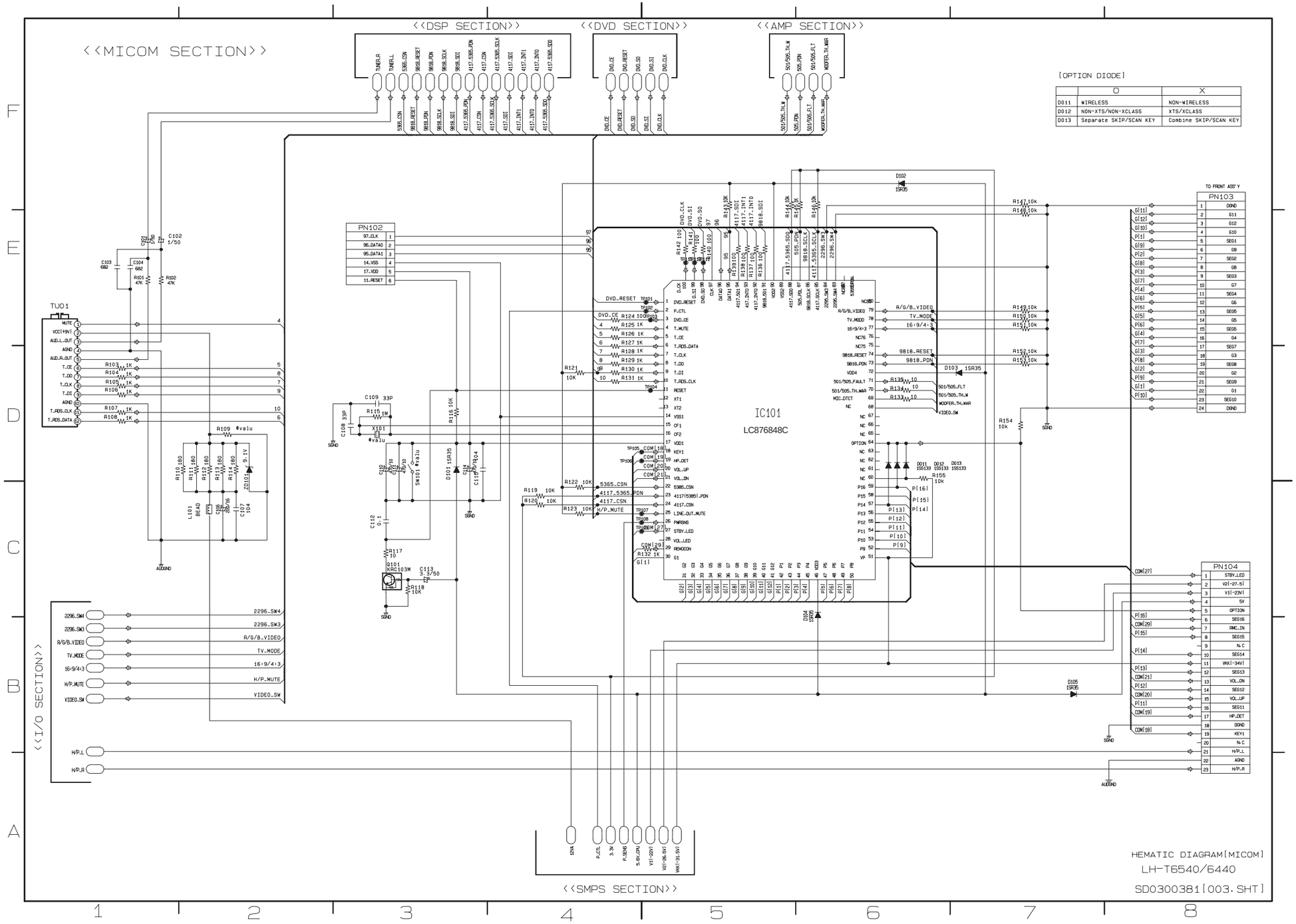
3) KEY

SYMBOL NO.	LH-T6540/T6440
SW001	SKIP-/SEARCH-/PRESET-
SW002	SKIP+/SEARCH+/PRESET+
SW003	STOP
SW004	PAUSE/MONO·STEREO
SW005	PLAY
SW006	OPEN/CLOSE
SW007	STANBY

FRONT(SCHEMATIC)
LH-T6540/6440

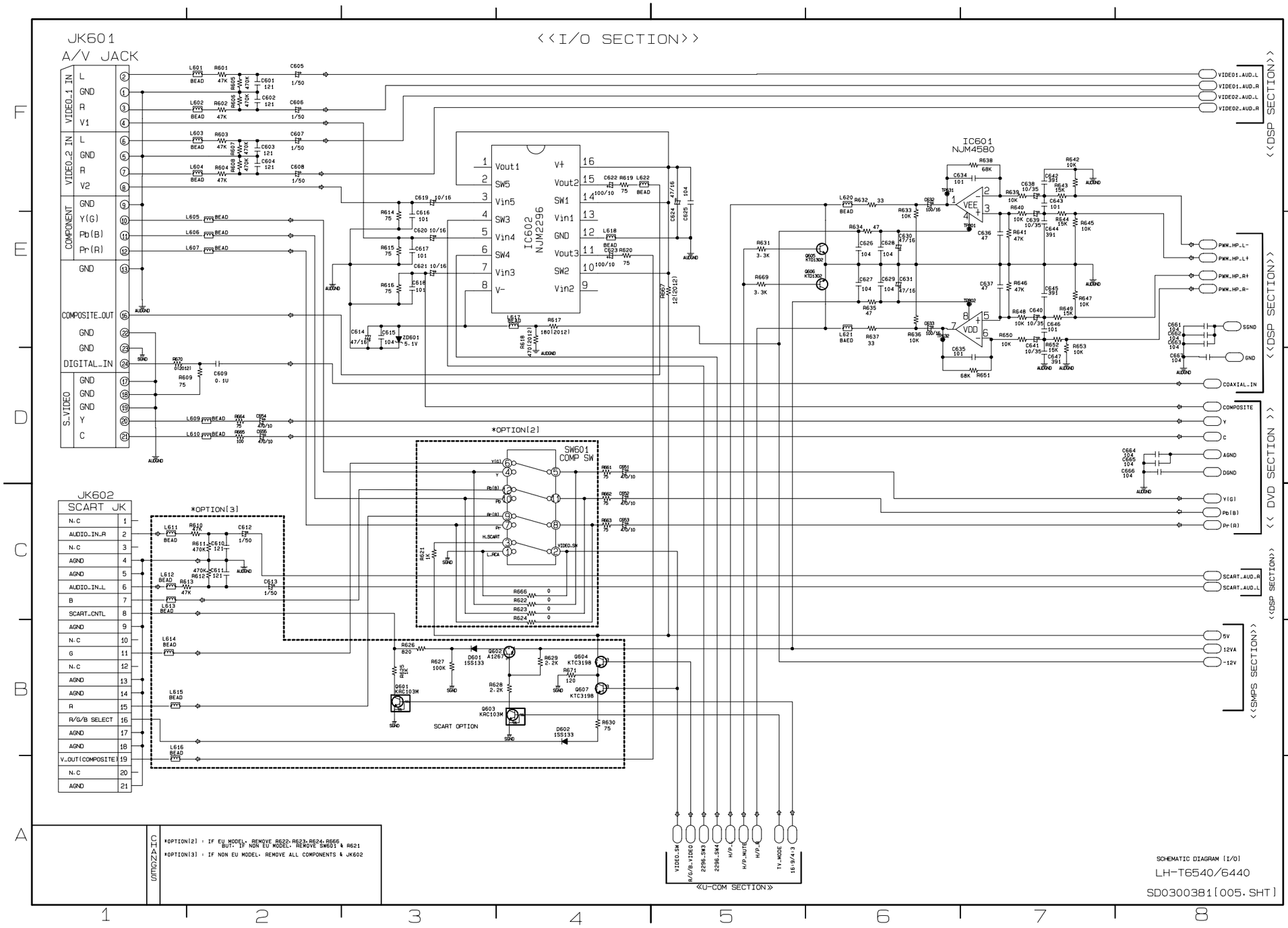
SD0300450[010.SHT]

• MICOM SCHEMATIC DIAGRAM

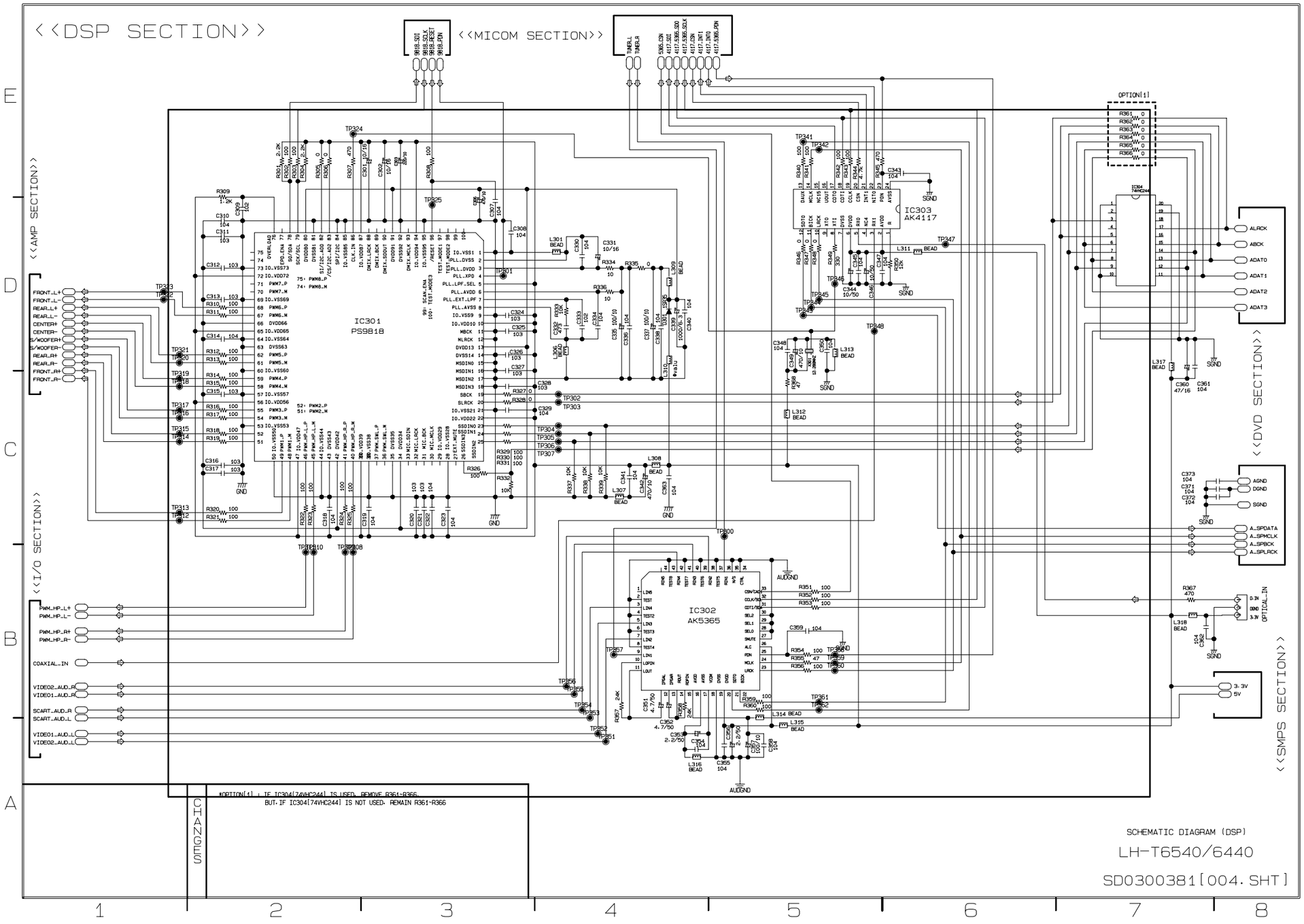


	O	X
D011	WIRELESS	NON-WIRELESS
D012	NON-XTS/NON-XCLASS	XTS/XCLASS
D013	Separate SKIP/SCAN KEY	Combine SKIP/SCAN KEY

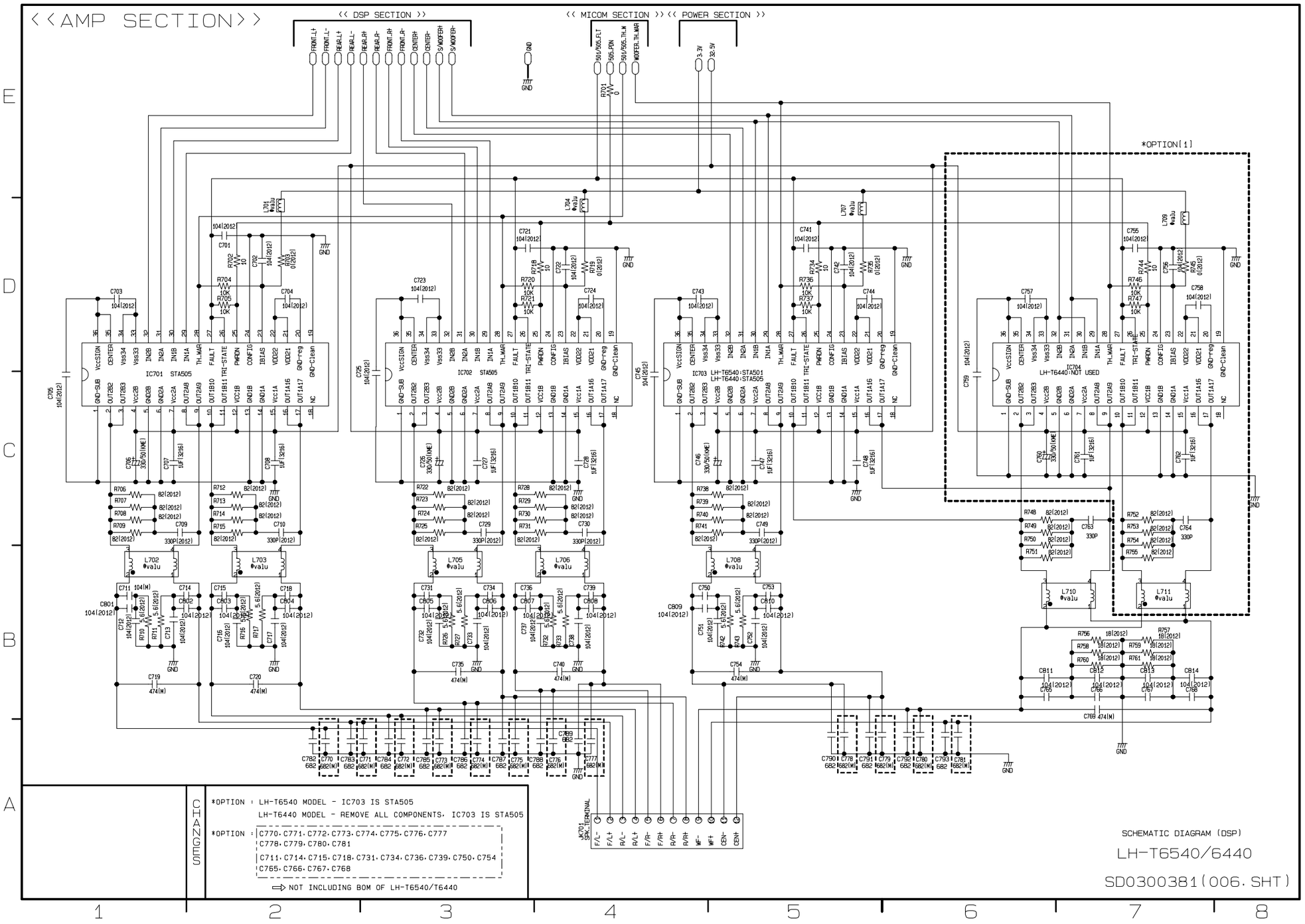
• I/O SCHEMATIC DIAGRAM



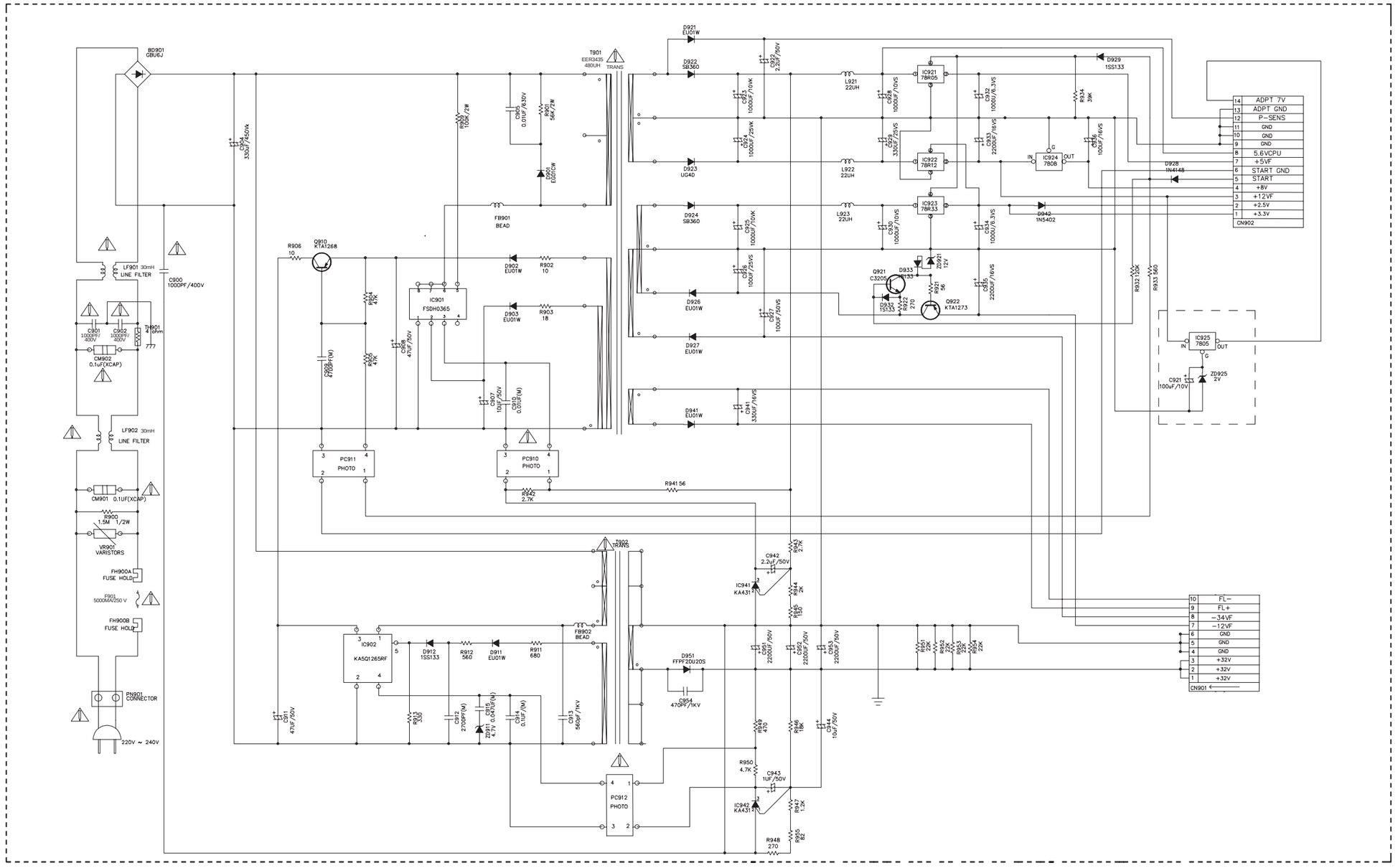
• DSP SCHEMATIC DIAGRAM



• AMP SCHEMATIC DIAGRAM



• SMPS SCHEMATIC DIAGRAM

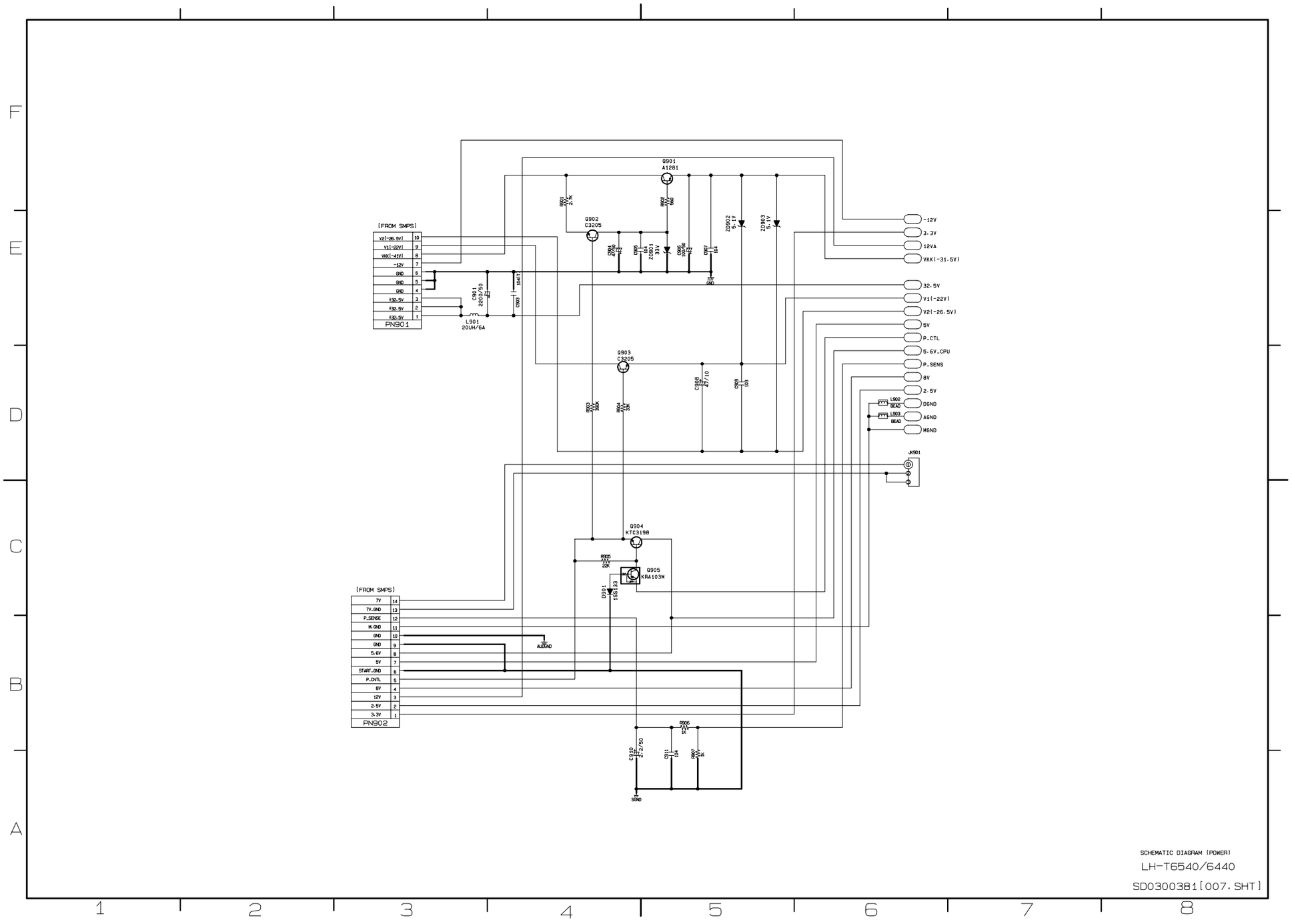


SCHEMATIC(SMPS-WIDE)

LH-T6540

VD 3854R16540A

• POWER SCHEMATIC DIAGRAM

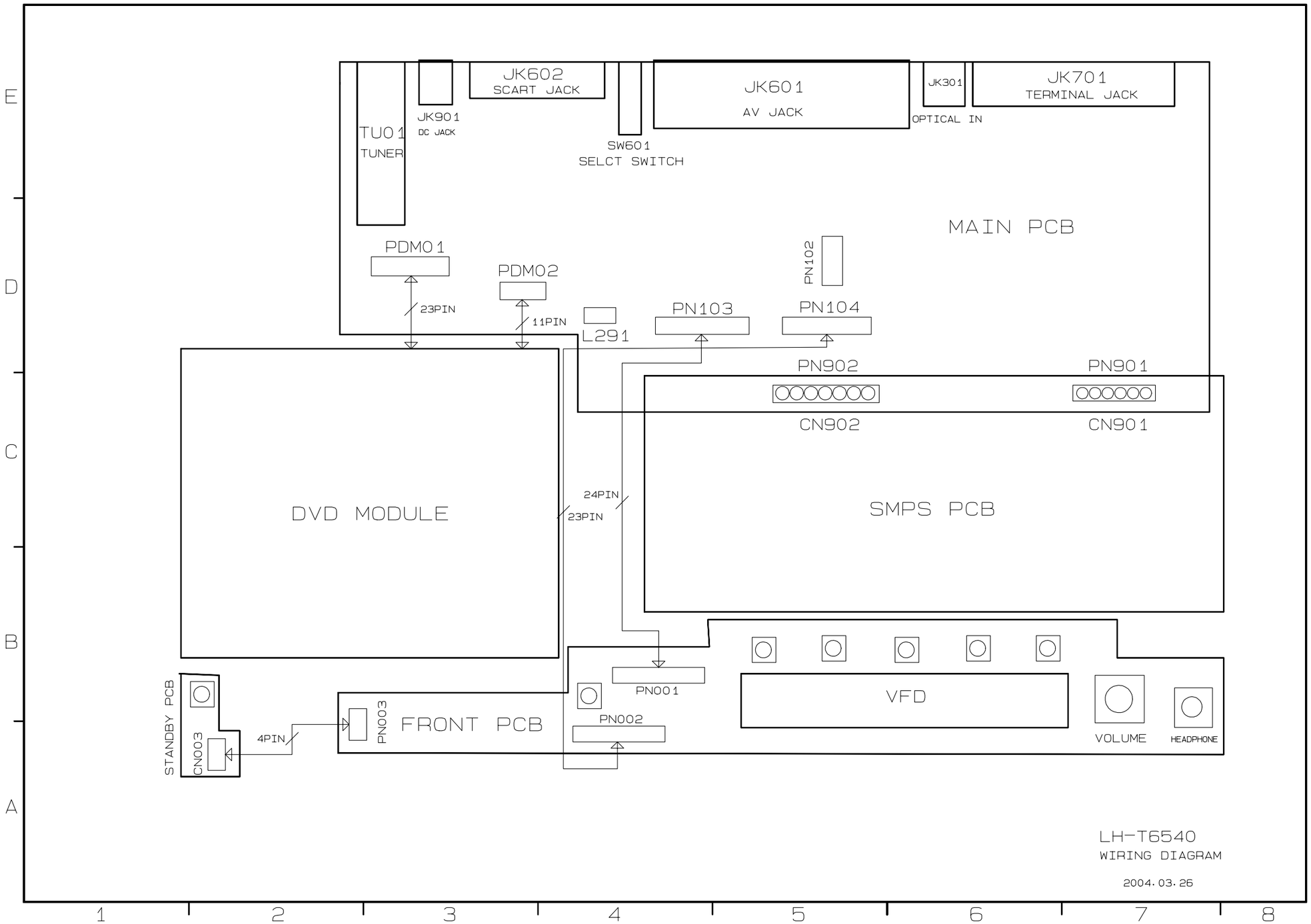


SCHEMATIC DIAGRAM (POWER)

LH-T6540/6440

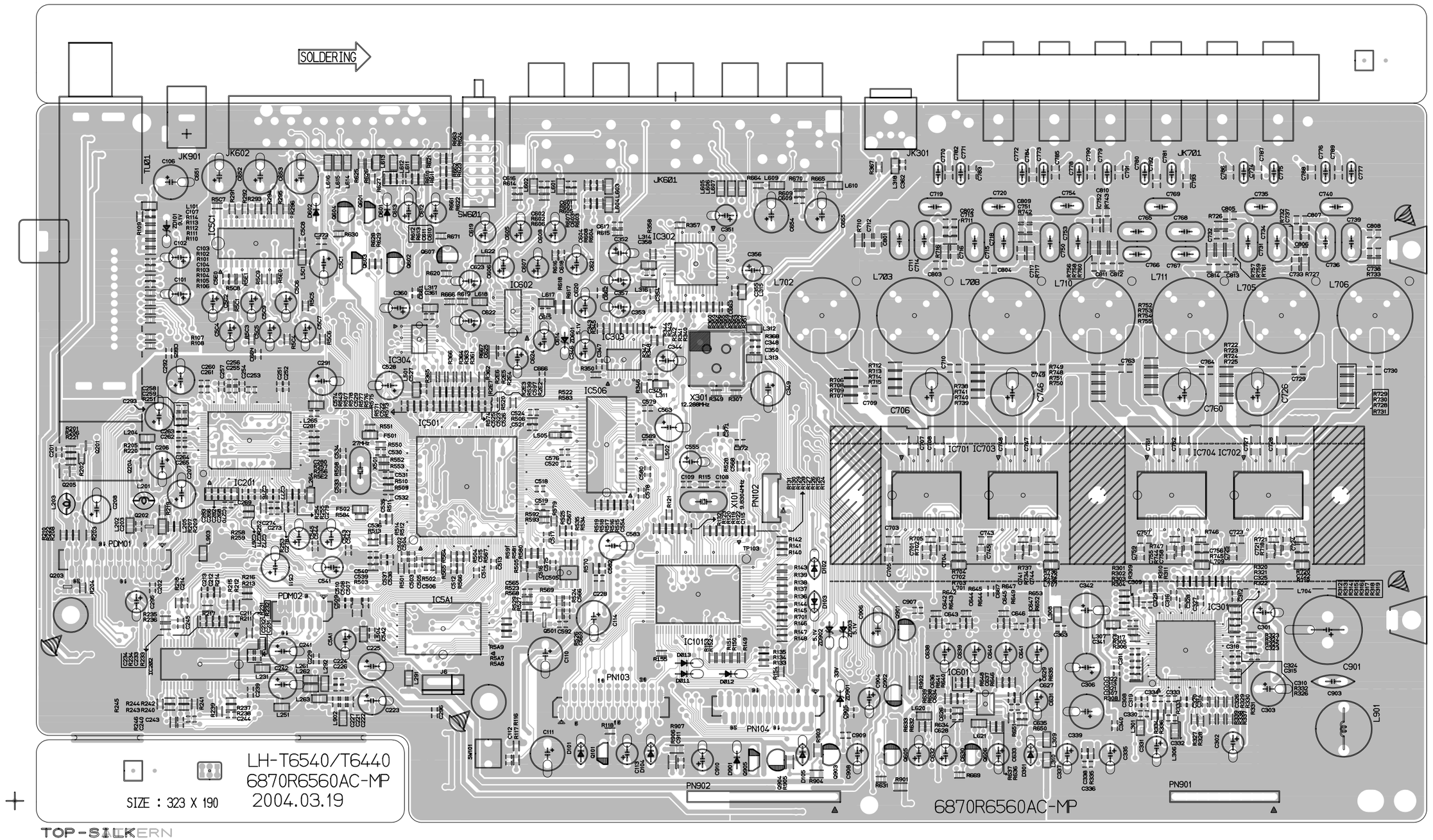
SD0300381[007.SHT]

❑ WIRING DIAGRAMS



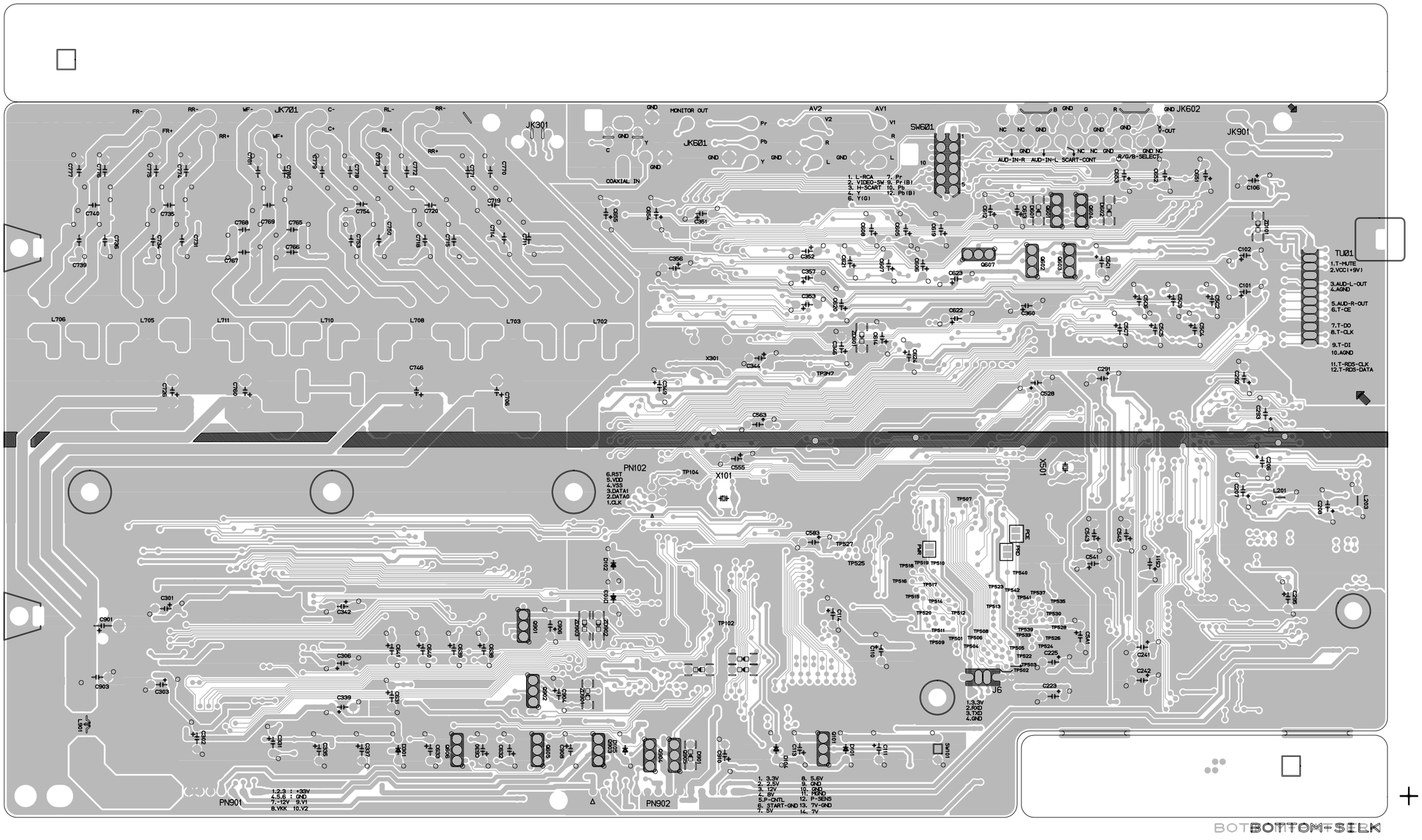
❑ PRINTED CIRCUIT DIAGRAMS

• MAIN P.C. BOARD (COMPONENT SIDE)



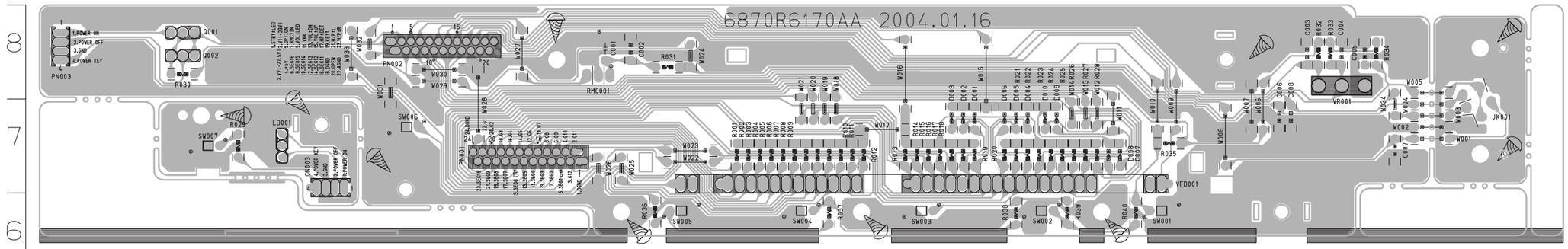
TOP-SILKERN

• MAIN P.C. BOARD (SOLDER SIDE)



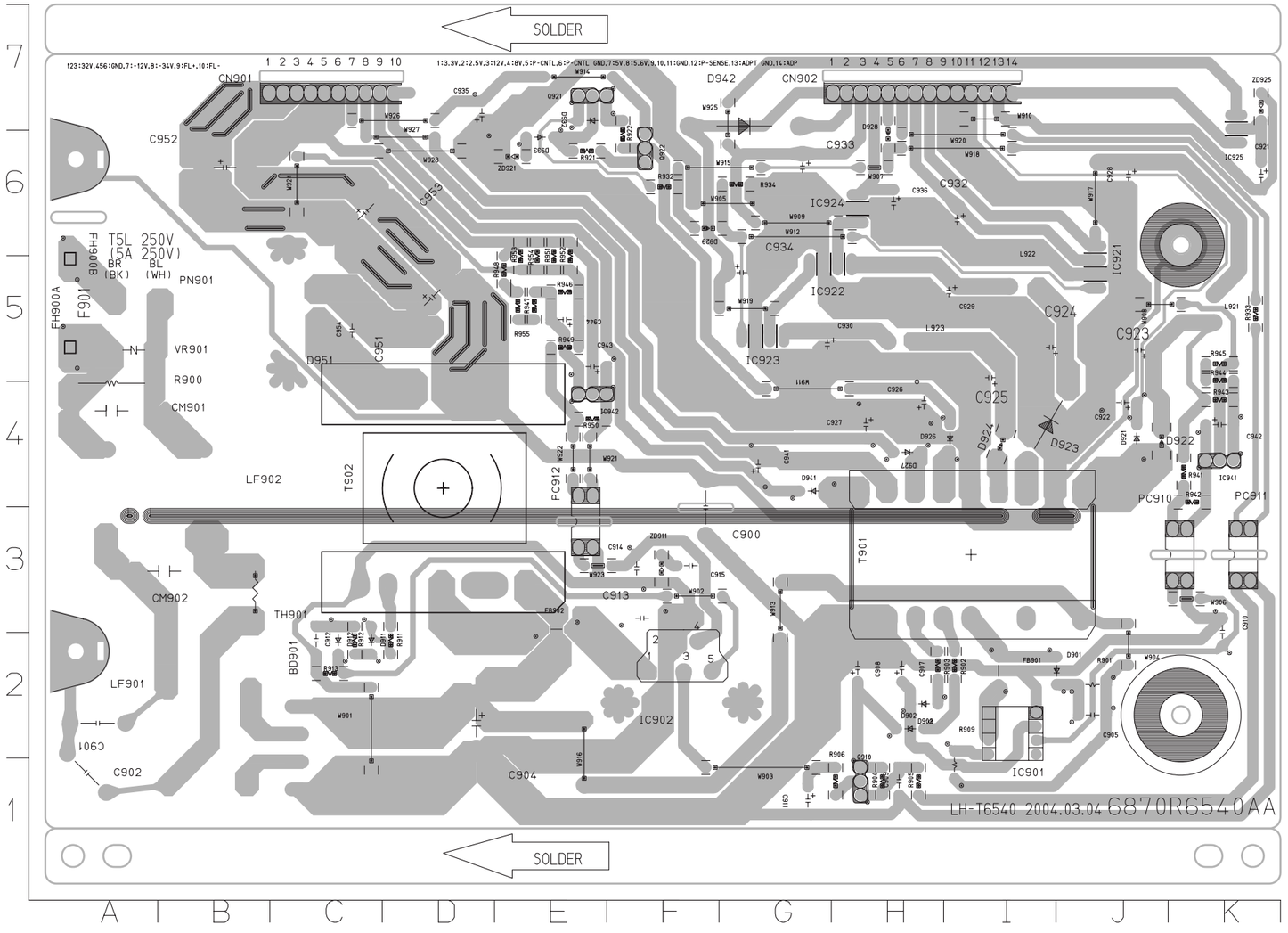
BOTBOTTOM-SIDE

• FRONT P.C.BOARD



C001	F8	R013	J7
C002	G8	R014	J7
C003	N8	R015	J7
C004	N8	R016	J7
C005	N8	R017	J7
C006	N7	R018	J7
C007	O7	R019	J7
C008	N7	R020	K7
CN003	D7	R021	K7
D001	J7	R022	K7
D002	J7	R023	K7
D003	J7	R024	K7
D004	K7	R025	K7
D005	K7	R026	K7
D006	K7	R027	K7
D007	L7	R028	L7
D008	L7	R029	C7
D009	K7	R030	B8
D010	K7	R031	G8
JK001	P7	R032	N8
LD001	C7	R033	N8
PN001	E7	R034	O8
PN002	E8	R035	L7
PN003	A8	R036	G6
Q001	B8	R037	I6
Q002	B8	R038	K6
R001	H7	R039	K6
R002	H7	R040	L6
R003	H7	RMC001	F7
R004	H7	SW001	L6
R005	H7	SW002	K6
R006	H7	SW003	J6
R007	I7	SW004	I6
R008	I7	SW005	G6
R009	I7	SW006	D7
R010	I7	SW007	B7
R011	I7	VFD001	L7
R012	I7	VR001	N7

• SMPS P.C. SMPS P.C.BOARD



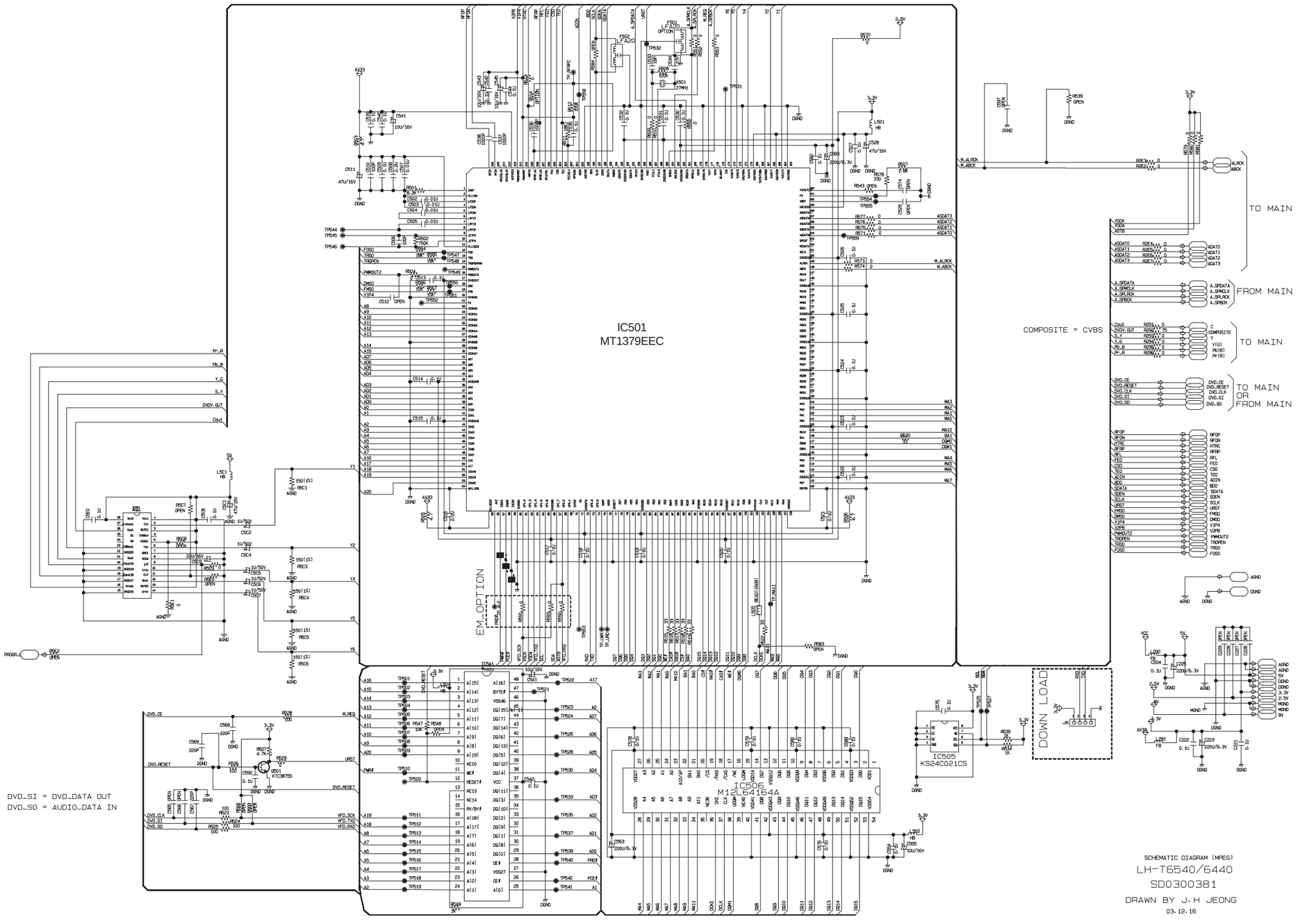
BD901	C2	CN902	H7	Q910	H1
C900	F3	D901	J2	Q921	E7
C901	A2	D902	H2	Q922	F6
C902	A1	D903	H2	R900	A4
C904	D2	D911	C2	R901	J2
C905	J2	D912	C2	R902	I2
C907	H2	D921	J4	R903	H2
C908	H2	D922	J4	R904	H1
C909	H1	D923	I4	R905	H1
C910	K3	D924	I4	R906	H1
C911	G1	D926	I4	R909	I1
C912	C2	D927	H4	R911	D2
C913	F3	D928	H6	R912	C2
C914	F3	D929	F6	R913	C2
C915	F3	D932	E7	R921	E6
C921	K6	D933	E6	R922	F6
C922	J4	D941	G4	R932	F6
C923	J5	D942	G7	R933	K5
C924	I5	D951	C5	R934	G6
C925	I5	FB901	I2	R941	K4
C926	H4	FB902	E3	R942	K4
C927	H4	FH900A	A5	R943	K4
C928	J6	FH900B	A5	R944	K5
C929	I5	IC901	I2	R945	K5
C930	G5	IC902	F2	R946	E5
C932	I6	IC921	J5	R947	E5
C933	G6	IC922	G5	R948	E5
C934	G5	IC923	G5	R949	E5
C935	D7	IC924	H6	R950	E4
C936	H6	IC925	K7	R951	E5
C941	G4	IC941	K4	R952	E5
C942	K4	IC942	E4	R953	E5
C943	E5	L921	K5	R954	E5
C944	E5	L922	I5	R955	E5
C951	D5	L923	H5	T901	I3
C952	B6	LF901	B2	T902	D4
C953	C6	LF902	A4	TH901	B3
C954	C5	PC910	K3	VR901	A5
CM901	A4	PC911	K3	ZD911	F3
CM902	B3	PC912	E4	ZD921	E6
CN901	C7	PN901	A5	ZD925	K7

MEMO

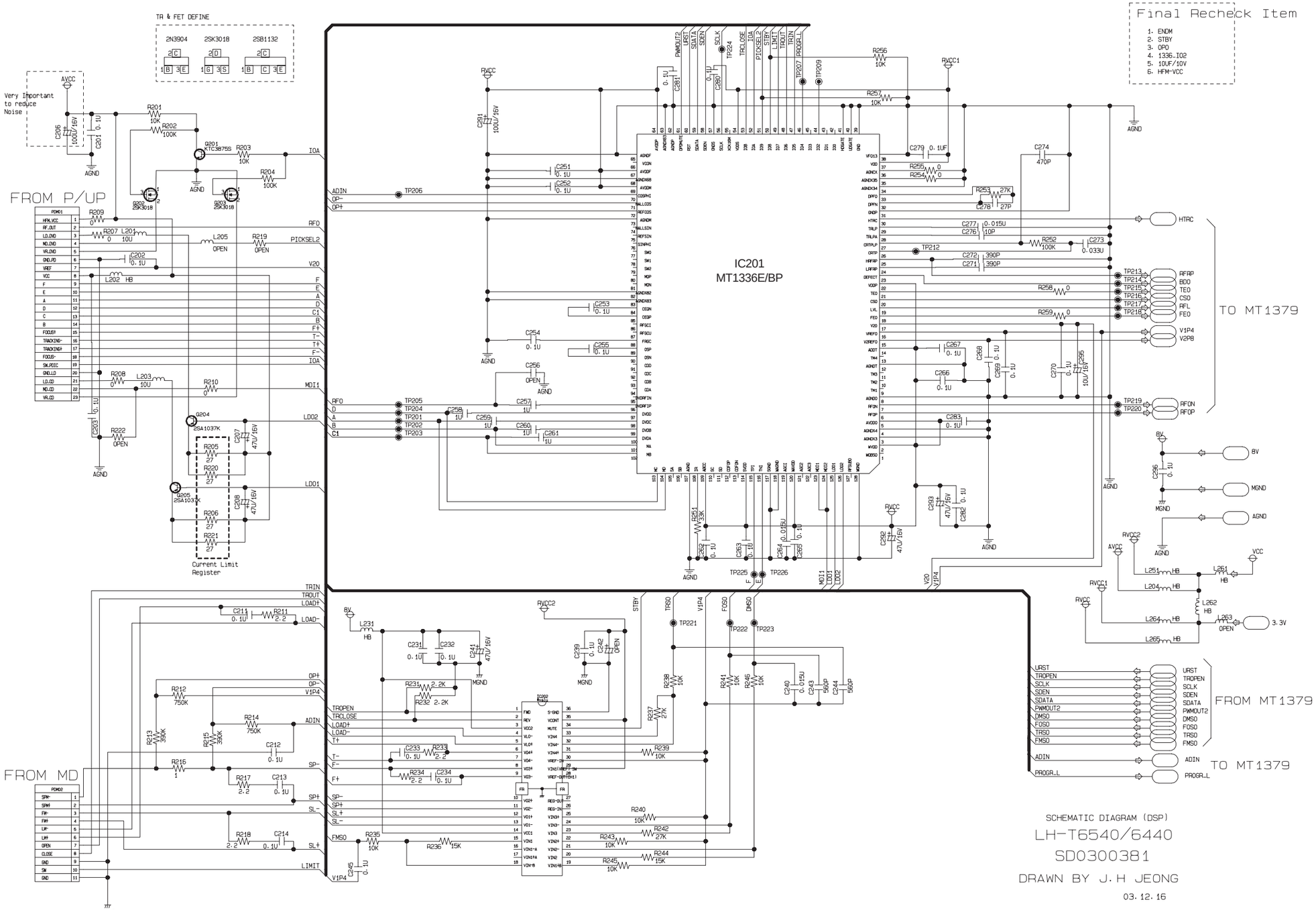
MEMO

❑ DVD PART SCHEMATIC DIAGRAMS

• MPEG SCHEMATIC DIAGRAM



• SERVO SCHEMATIC DIAGRAM



❑ VOLTAGE SHEET (IC&TR)

	IC201(MT1336E)		IC402(AMP)		IC5C1(MM1623XFBE)		IC501(MT1379)		IC506(SDRAM)		IC505(EEPROM)	
PIN	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY	STOP	PLAY
1	1.03	2.99	5.52	5.49	5.09	5.08	1.22	1.22	3.27	3.28	0	0
2	5.11	5.08	5.52	5.48	2.43	2.42	0	0	1.18	1.26	0	0
3	0	0	5.51	5.47	5.09	5.08	0.96	0.9	1.1	1.52	0	0
4	0	0	0	0	1.45	0	2	2.06	0	0	0	0
5	5.11	5.07	5.51	5.48	0	0	0	1.51	0.66	1.07	3.28	3.29
6	0	1.95	5.51	5.48	1.45	1.69	1.48	1.47	0.85	1.12	3.28	3.29
7	0	0	5.52	5.47	0	0	0	1.56	3.27	3.28	0	0
8	0	0	12.03	12.03	2.47	2.46	3.2	1.52	0.51	0.97	3.28	3.29
9	5.11	0			0	0	0.12	0.06	3.06	0		
10	5.11	5.08			1.14	1.76	0.12	0.06	0	0		
11	5.11	5.08			0	0	3.25	3.25	0.06	0.98		
12	0	0			2.42	2.42	1.41	1.49	3.18	0.87		
13	5.11	0			5.09	5.08	1.41	1.41	3.27	3.28		
14	5.11	5.08			2.43	2.42	0	0	2.94	2.56		
15	2.84	2.81			0	0	1.42	1.42	0.47	0.42		
16	1.45	1.43			2.49	2.47	3.3	0	2.93	3.01		
17	2.08	2.07			0	0	2.53	2.53	3.21	3.22		
18	1.37	1.42			2.48	2.47	1.42	2.27	2.87	2.95		
19	0.69	2.3			0	0	1.42	1.39	0.15	1.32		
20	2.4	0			1.18	2.3	0	0	0	0.05		
21	2.35	0			1.76	2.17	2.61	2.58	3.09	1.32		
22	5.11	5.08			0	0	0.75	1.46	3.09	1.32		
23	0	0			1.76	2.24	2.83	1	3.09	1.32		
24	2.59	3.2			0	0	1.9	0.89	3.09	1.33		
25	0.19	1.88			0	0	1.72	0.39	3.27	3.29		
26	1.58	0			0	0	0.68	0.31	0	0		
27	2.56	3.13			0.06	0.05	2.84	3.16	0.15	1.36		
28	2	2.01			5.09	0	0	0	1.84	2.36		
29	2	2.06					2.85	0.66	1	2.32		
30	2.96	1.52					1.83	0.49	0.54	1.75		
31	0	0					0.91	1.39	0.06	0.06		
32	0.06	2.07					1.43	1.2	0.05	0.06		
33	0.07	2.07					1.51	1.57	0	0		
34	0	0					1.51	1.43	0.73	1.26		
35	0	0					3.3	3.29	1.48	1.55		
36	0	0					0.81	1.26	2.91	2.53		
37	5.13	0					1.45	1.02	0.07	0		
38	0	0					1.82	1.6	3.27	3.28		
39	0	0					1.2	1.5	1.06	1.05		
40	0	0					2	2.06	0.47	0.98		
41	0	0					2.17	1.95	0	0		
42	5.12	5.09					2.53	2.52	0	0.6		
43	5.12	5.09					1.96	1.9	1.12	1.24		
44	5.12	5.09					1.79	1.9	3.27	3.28		
45	5.12	5.09					0.8	1.72	1.21	0.99		
46	5.12	5.09					0.8	1.96	1.31	1.34		
47	0	0					0.8	1.84	0	0		
48	5.12	5.09					3.3	2.63	1.43	1.44		
49	5.12	0					0	0.13	0.88	1.01		
50	5.08	5.06					0	0.07	0	0		
51	5.09	5.07					0	0				
52	5.1	0					0	0				
53	0	0					0	0				
54	5.13	0					0	0				
55	0.09	0.2					3.25	3.27				
56	1.61	0					1.21	1.18				
57	0	0					0	0				
58	0	0					3.29	3.29				
59	0	0					0	0				
60	0	0					0	0				
61	3.28	0					2.59	2.57				
62	0	0					2.58	2.58				
63	0	0					0	0				
64	0	0					2.59	2.56				
65	0	0					3.29	3.29				
66	0.26	0					3.3	3.29				
67	5.12	5.08					3.29	3.29				
68	0	0					2.57	2.56				
69	5.12	0					5.19	5.18				
70	3.21	2.03					2.59	2.57				
71	3.46	2.2					0.12	0.08				
72	2.81	0					2.53	2.52				
73	0	0					2.59	2.57				
74	0.21	0.09					3.29	3.29				
75	0.22	0					2.61	2.61				
76	0	0.1					3.27	3.24				
77	0.21	0.09					0	0				
78	0.23	0.09					0.94	1.04				
79	0.21	0.08					0.78	1.06				
80	0.23	0.08					0.89	1.15				